

LATE
BYZANTINE
COINS
1204 – 1453

ELENI LIANTA

LATE BYZANTINE COINS 1204 – 1453

IN THE ASHMOLEAN MUSEUM
UNIVERSITY OF OXFORD



ELENI LIANTA

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This book, written by an expert in the field, will provide an indispensable point of reference for students, curators, dealers and collectors as well as a ready source of information for archaeologists, historians and others with a more general interest in Late Byzantine numismatics.

The collection of Late Byzantine coins in the Ashmolean Museum, Oxford, comprises one of the most important and representative collections of coinage from the period between the sack of Constantinople by the Fourth Crusade in 1204, the Byzantine recovery of the city in 1261, and the final capture of Constantinople by the Ottoman Turks in 1453. This collection is here presented for the first time in a modern catalogue, which will enable the user to identify, classify and understand Late Byzantine coins, in accordance with our present state of knowledge.

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In The Ashmolean Museum

University Of Oxford

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**London
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PREFACE

The present work constitutes the catalogue of the Late Byzantine coins in the Ashmolean Museum. The Oxford collection is particularly valuable as a source of information, and as a stepping stone towards further research. Firstly, it is a systematic university collection and includes Simon Bendall's collection which was deliberately put together for scientific purposes by a leading scholar and collector who created a system of reference for Palaeologan coins. Secondly, it is a highly comprehensive collection, containing sequences of issues and specimens of all the best known types, including a respectable number of the rarest types. Thirdly, it consists of coins that come from different modern and historical sources, permitting the undertaking of different methods of examination. For all these reasons, analysis of the collection offers important opportunities to trace developments in the material content, denominations and iconography of Late Byzantine coinage, as well as shedding light on places and methods of production and raising new and intriguing questions for the study of Late Byzantine numismatics. The Ashmolean collection increases the general database of Byzantine numismatic material available for the thirteenth, fourteenth and fifteenth centuries; adds to the photographic dossier of hoard-coins, which have previously been very badly illustrated or not illustrated at all; provides a wider coverage of types for the period 1204-1261 than *Dumbarton Oaks Catalogue (DOC) IV*, which, in the main, contains coins from the Harvard University collection; and brings to light a series of unpublished overstrikes, which aids in arranging the coinage in a proper chronological sequence.

The catalogue of the Late Byzantine coins in the Ashmolean was developed through a detailed classification of the coins and with descriptions of their physical character. Part A of the Introduction is concerned with the provenance of the coins that now form the collection, while Part B presents the method by which I incorporated Bendall's collection into the existing Ashmolean coins, and gives brief information about the collection's size and its metallic and typological content. Part C classifies the coins in the Ashmolean according to metals, mints, denominations, weight structures, imperial authorities, religious, imperial and other iconographic types and varieties, and inscriptions-monograms, analyses a number of overstrikes, and concludes with the presentation of new issues accommodated in the collection.

This work has greatly benefited from *DOC IV* and *V*, which have marked an important advancement in our understanding of the Byzantine currency of the twelfth-fifteenth centuries. The discovery of new numismatic finds, the re-examination of the accumulated evidence, and the progress of current research, however, sometimes re-arrange the existing material and suggest different lines of inquiry, which will enable us to build on and beyond the foundation laid by *DOC IV* and *V*. Even such a great achievement as *DOC IV* and *V* should not be allowed to become fossilized. Likewise, it should be noted that new finds can quickly make the suggestions and conclusions presented in this book outdated, and create opportunities for a different or more refined analysis.

The present book is a slightly revised version of one third of my doctoral thesis, which was entitled *Byzantine Coinage AD 1204-1453: Some Problems in Monetary Affairs* (University of Oxford, 2005). I am grateful to the supervisor of the thesis, Prof. Nicholas Mayhew, for his invaluable help in developing the dissertation. I am also indebted to the examiners of the thesis, Prof. Michael Metcalf and Dr. Vasso Penna, as well as to Dr. James Howard-Johnston, Dr.

Marlia Mango, Dr. Catherine Holmes, Prof. Elizabeth Jeffreys, and Prof. Vassos Karageorghis, who have always been ready with their time and advice. My special thanks go to Dr. David Gwynn, who scrutinized the typescript carefully, and for his numerous helpful comments and suggested improvements to the text. I am also grateful to Dumbarton Oaks' summer programme in Byzantine Numismatics and Sigillography (1-26 July 2002) for invaluable input, and for generously releasing to me the special numismatic fonts used in the catalogue.

The writing of this study was supported financially by a number of sources. I would like to thank the A.G. Leventis Foundation for awarding me an educational grant, and the Propondis Foundation for giving me a scholarship. Special thanks are also due to Exeter College for awarding me the Amelia Jackson Senior Studentship, as well as additional financial assistance. Grants made available from the Ireland and T.W. Greene Fund (Craven Committee, University of Oxford), and from the Meyerstein Fund (School of Archaeology, University of Oxford) have also been greatly appreciated.

I am greatly indebted to Dr. Bruno Callegher (University of Trieste), Dr. Vera Guruleva (Coin Department, Hermitage), Katerina Hristovska (Numismatic Cabinet, National Bank of FYROM), Dr. Ernest Oberländer-Târnoveanu (Coin Room, National History Museum of Romania), and Dr. Vesna Radić (National Museum, Belgrade) for providing me with important published material. I am also grateful to Prof. Slobodan Ćurčić for his inspired suggestions.

I wish to accord a special note of thanks to Maria Mili, Dimitri Korobeinikov, Doug Nicol, Tim Crafter, Fatih Onur, Anthi Papagiannaki, Mirry and Ariel Ezrachi for their encouragement and assistance. I am grateful to Nicholas Rossicopoulos for many thought-provoking discussions. I would also like to thank my uncle, the late Steve Tavouksis, who bought my first numismatic book, A. Burnett's *Interpreting the Past: Coins*, while I was still an undergraduate at the Aristotle University of Thessalonica.

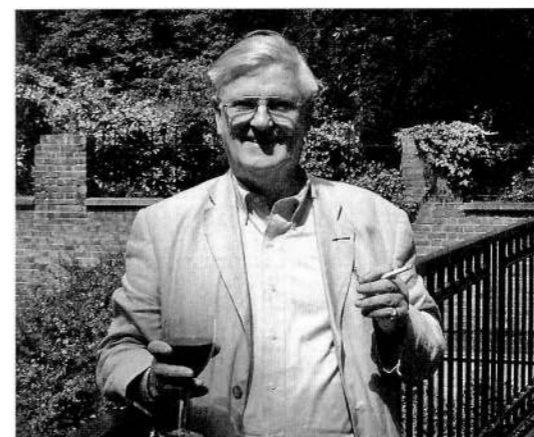
I am particularly grateful to Simon Bendall, who has been a priceless source of information both through his published work and the extensive correspondence we have exchanged since 1999. Mr. Bendall decided to offer his collection to the Ashmolean Museum, because in the University the collection would be used as an instrument for teaching and would stimulate interest in research. With his contribution and encouragement, I have put myself at the service of the collection by making and introducing this Catalogue. I am especially indebted to him for his unreserved guidance and support throughout the years, for his careful reading of this study and for his extremely helpful remarks. He has my enduring thanks!

Last, but not least, I would like to thank whole-heartedly my parents, Michail and Nopi, and my brother, Grigoris, for their love and priceless support.

INTRODUCTION

A. Background to the Collection¹

The Ashmolean collection of Late Byzantine coins consists of two groups. The first and smaller group forms the original Ashmolean collection. In autumn of 1999 the Ashmolean Museum acquired the second and larger group of coins formed by Simon Bendall (pictured below),² who assembled it systematically over a period of nearly thirty years. More specifically, the origin of the 'Bendall' Byzantine collection goes back to 1954, when Bendall acquired his first Byzantine coin, a billon trachy of Isaac II. The exceptionally wide variety of types and provenances of this collection results mainly from the fact that as a professional commercial numismatist Bendall was able to establish a wide network of contacts not only with other coin dealers



and collectors, but also with scholars interested in the field. He attended every International Numismatic Congress held between the late 1960s and the late 1980s, as well as the annual Byzantine symposia held in the UK. In those years, Bendall was, perhaps, the only person specializing entirely in the coinage of the last 250 years of the Byzantine Empire. Hence, he was able to acquire coins from many dealers, collectors and friends both in Europe and in the USA. Moreover, from the early 1970s until the mid-1980s Byzantine coins were very inexpensive, and Bendall acquired the bulk of his collection at that time, even coins in poor condition if they were not represented in his

collection, while he used any duplicates he acquired for the purpose of exchange. In this way he was able to acquire a few rare coins from both Dumbarton Oaks and the British Museum - in the days when museums made exchanges - and to make other exchanges with various collectors, some of whom, such as R.N. Bridge and J. Wilkinson, not being interested in the later Byzantine coinage, gave Bendall a number of coins. Today, out of 641 coins published by Bendall in 1988,³ 285 rest in the Ashmolean collection. Unfortunately, while Bendall was living in Los Angeles in 1989, all his Palaeologan coins were stolen with the exception of those of the reign of Michael VIII and certain others.⁴ In 1991 Bendall was able to recover approximately twenty per cent of his stolen coins, and between 1990 and 2000 he was also able to add considerably to his collection. The expansion of the Ashmolean collection continued in 2001, when the Ashmolean Museum purchased some individual Late Byzantine coins from A.H. Baldwin & Sons Ltd, and from Bendall, who still continues to collect.

To date there are four publications that describe and illustrate specimens of the material presently under discussion: Bendall's *Private Collection of Palaeologan Coins*, Hendy's

¹ For a detailed breakdown of the origins of the coins in the Ashmolean collection and their previous owners, see pp. 59-68.

² The Ashmolean Museum acquired the second group of coins with assistance from Resource, the National Art Collections Fund, the Carl and Eileen Subak Family Foundation, and the Friends of the Ashmolean.

³ Bendall 1988a.

⁴ Among the coins that were not stolen were a number of coins from the collection of Bertelè, which Bendall had just acquired. These coins had just been discovered by Bertelè's family, and had therefore not been sold with the rest of the collection to Dumbarton Oaks in the 1960s.

Catalogue of the Byzantine Coins in the Dumbarton Oaks Collection and in the Whittemore Collection, Metcalf's *Coinage of the Crusades and the Latin East in the Ashmolean Museum*, and Sear's *Byzantine Coins and their Values*. In addition to these works, there are also a series of articles published in numismatic journals illustrating specimens that now belong to the Ashmolean coin collection. Hitherto, however, there has been no Ashmolean catalogue of its Byzantine coins.

B. The New Collection's Size and Content

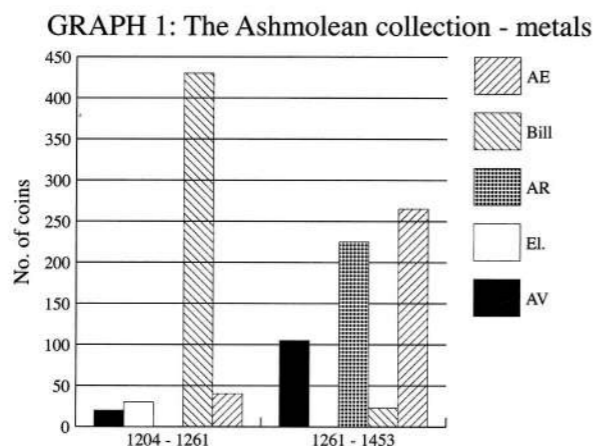
The identification, sorting and labeling of the entire joint collection followed the lines and classification of coins established by *DOC IV* and *V*, except where those classifications were in need of amplification.

The coins listed in the Catalogue cover the years 1204-1453, and amount to 1128 specimens, most of them in fine condition. The majority of the specimens have not previously been published, and in a few instances coins in the Catalogue confirm reports of the only one or two similar coins known to numismatists. The collection is representative of the original currency used in the period 1204-1453. It is particularly rich in billon and copper coins, with an exceptionally good coverage of imperial authorities, dates and mints. Moreover, it musters a considerable proportion of the currently recorded types and varieties: it includes 363 types out of 640 recorded in *DOC IV* and *V*, with a wider coverage than *DOC IV* of types of the period 1204-1261.⁵ The Ashmolean coin collection also includes several specimens of the same type, so that designs and inscriptions can more easily be pieced together and identified.

C. Classification of the Material

1. Metals

The Byzantine coins of the period 1204-1453 accommodated in the Heberden Coin Room were minted in five metals: gold, silver, electrum, billon and copper.⁶



⁵ According to Bendall (personal communication), *DOC IV* and *V* listed only those coins that Hendy and Grierson could identify. There are types which do not appear either in *DOC IV* because Hendy thought they were Palaeologan, nor in *DOC V* because Grierson thought they were Nicaean.

⁶ A basic prerequisite of any precious metal coinage was a ready supply of bullion. For a discussion about the mines exploited by the Byzantines, see Vryonis 1962, especially pp. 14-7, and Pitarakis 1998.

For the period 1204-1261 (Graph 1) the most common metal in the Ashmolean is the billon (84 per cent), followed by the copper (7.6 per cent), the electrum (c. 5.5 per cent), and the gold (c. 2.9 per cent). The collection, like the currency of the time, completely lacks silver, for in the period 1204-1261 the billon supply adequately filled the gap between gold and copper. The gold, electrum and billon denominations all have concave shapes, which have been explained as an indication of their overvaluation in terms of their metallic content.⁷

For the period 1261-1453 (Graph 1) the bulk of the coinage in the collection is of copper (c. 42.7 per cent). Next in quantity is the silver coinage (c. 37 per cent), followed by the gold (c. 16.9 per cent), and the billon (3.4 per cent). The collection does not include any electrum coinage for this period. The explanation behind this lies in the importance silver attained at this time, meaning there was less reason to put it into electrum. The gold, the early silver, the billon, and partly the copper denominations retain the concave form of the previous period, as opposed to the flat fabric of other silver and copper denominations, which were of pure metal.

All in all, the collection is particularly rich in billon coins (c. 40 per cent) and contains significant amounts of copper (c. 26.8 per cent) and silver (20.2 per cent), but only small amounts of gold (c. 10.5 per cent) and electrum (c. 2.5 per cent). Without doubt, the collection mirrors two phenomena: a) a decline in the metal content of the coinage perhaps reflecting an economic decline in the Empire, and/or a growth in demand for coin,⁸ and b) the shift in the Palaeologan period to a silver-based coinage, which replaced the older gold standard.⁹

An important feature of Byzantine coinage in the thirteenth and fourteenth centuries which has received growing attention is the gradual debasement¹⁰ of the gold issues.¹¹ Only metallurgical analyses of coins can yield accurate results verifying in surviving coins standards of fineness mentioned in contemporary texts and documents,¹² which would clarify the attribution of problematic issues and give insight into how debasement developed. The present work takes into account three major studies carried out in 1985, 1988 and 1999 by Morrisson and her collaborators, who have marked an important advance in outlining with reasonable accuracy the different standards of fineness of the hyperpyron¹³ and of the Late Byzantine silver and billon coinage.¹⁴

⁷ Grierson 1999, p. 43.

⁸ An apparent shortage in monetary supply may actually reflect a growing demand for money, linked to the growth of population and the opening of new trade markets. One available solution was to lower the value of the currency by reducing the fineness of the coinage, and to increase the number of pieces in circulation, in other words to multiply the monetary units.

⁹ The co-existence of two precious metal currencies introduced problems. Mayhew (1999, p. 32) correctly pointed out that running a currency composed of gold as well as silver was more complicated than one consisting only i.e. of silver. For a parallel phenomenon in western and central Europe, see the return after the middle of the thirteenth century from silver to gold (Lopez 1956-57).

¹⁰ Debasement, the medieval ancestor of devaluation, was an important feature also of medieval coinage. See Mayhew 1999, p. 8; Cipolla 1965.

¹¹ See Brătianu 1938, pp. 229-35; Guadan 1967; Brezeanu 1976.

¹² Pachymeres (ed. Bekker 1835, vol. 2, pp. 493-4); Pegolotti (ed. Evans 1936, pp. 288-9).

¹³ Morrisson – Barrandon – Poirier 1985; Morrisson – Barrandon – Bendall 1988.

¹⁴ Morrisson – Barrandon – Ivanišević 1998.

2. Mints

Mints and their products provided a medium of exchange for the citizens, as well as income to the fiscal administration from the profits of the minting process.¹⁵ It has been claimed that the Latin Empire possibly maintained the Great Palace mint, and that under the Palaeologan emperors minting probably remained within the domain of the vestiaron and its *προκαθήμενος*.¹⁶ Unfortunately, Byzantine numismatic scholarship lacks a monograph on the Byzantine mints active in the period 1204-1453, mainly due to the absence of Byzantine mint archival records.¹⁷ This area of research, however, has been advanced recently by Bendall,¹⁸ Morrisson,¹⁹ Penna,²⁰ and Touratsoglou,²¹ with special reference to the coinage from Thessalonica and Philadelphia.

Late Byzantine coins do not indicate their mint,²² a fact which sharpens the critical sense in the recognition of style, fabric and production techniques.²³ Standard criteria of mint identification do not appear to have existed. But the exposition of types helps to outline the criteria on which the classification in *DOC* IV and V has been based, and to build up a profile for the coinage and its mints.

Independent mints were established in the capitals of the Byzantine states of Nicaea, Thessalonica and Epirus after 1204. The mints of Nicaea and Magnesia maintained the Comnenian iconographic tradition, while the mints of Thessalonica and Arta gradually adopted new types. In the Palaeologan period the mint of Constantinople was the main provider of coins for the Byzantine Empire.

Since recent scholarship has attached particular importance to the mint of Thessalonica and its well-defined identity, it seems appropriate to give an integrated description of the Thessalonican mint's specific characteristics. Style and iconographic considerations are the bases for attributing types to the mint of Thessalonica.²⁴ The main traits of the Thessalonican repertory, which were first established under the Ducas dynasty and then taken over by John III and the Palaeologans, are: firstly, the type of the ruler being handed the city by a saint.²⁵ Secondly, the representation of the emperor/s holding or accompanied by objects of large

dimensions.²⁶ Thirdly, the occurrence of novel representations²⁷ and of figures turned slightly to the left (viewer's side).²⁸ Fourthly, the blazon-like types for the obverses,²⁹ such as the lily,³⁰ the "floriate" cross type (*σταυρός μετά πυρεκβολών*),³¹ the star or daisy-type,³² the cross-type,³³ and the monogram-type.³⁴ Fifthly, accessory symbols and decorative elements, which play a subordinate role filling gaps in the design,³⁵ appear more frequently on Thessalonican issues.³⁶ Finally, the Thessalonican coins are lighter than their Constantinopolitan equivalents.³⁷

For the period 1204-1261 the products of the following five mints are present in the collection: Constantinople, Thessalonica, Nicaea, Magnesia and Arta.³⁸ Hendy has posited that, following the Latin conquest of 1204, the Byzantine government went into exile to Asia Minor,

²⁶ Latin Imitative half-tetarteron B (129); Theodore Comnenus-Ducas: billon trachy F (332-4), tetarteron Var. B (338-40); John Comnenus-Ducas: billon trachy II/B (372), III/D Var. A (384-6), III/G (390-2), III/R Var. A (418-9), III/X (430-2); Michael VIII: stamena XVI (596), XVII (597), XX (598-600), XXII (601); Andronicus II: stamena VII (672), XXVII-XXX (678-82), XXXIII (686), XLI (695-6), XLIII (697-8), XLIV (699-701); Andronicus II-Michael IX: stamena XXII-XXV (811-5); Andronicus III: assaria VI (837-8), XVIII (843-4). See Morrisson 2003, p. 183.

²⁷ *St. Demetrius seated on a backless throne with a sword resting on his knees* - Theodore Comnenus-Ducas: billon trachy F (332-4); John Comnenus-Ducas: billon trachy III/H (393-4); Michael VIII: stamena II (580-1), III (582-3), XV (595); Andronicus III: assarion VII (839); *St. Demetrius holding the small cross of the martyr on his breast* - Michael VIII: stamena XIII (592-3), XIV (594); Andronicus II: stamena XXXVIII (693); *the martyrdom of St. Demetrius* - John V/4e: assarion IV (888-89); *a facing Virgin Orans with the inscription Hagiosoritissa* - Theodore Comnenus-Ducas: electrum trachy B (321-2); *the emperor under an archway* - John Comnenus-Ducas: billon trachy III/W (428-9); Andronicus II: stamena XI (673-4); *a winged emperor* - John Comnenus-Ducas: billon trachy III/U (421-3), III/V (424-7); Michael VIII: stamena XIV (594); Andronicus II: stamena II (667-9), IV (671), XLIII (697-8), XLIV (699-701); *an eagle* - John Comnenus-Ducas: billon trachy II/B (372), III/G (390-2). See Morrisson 2003, pp. 181-4.

²⁸ Latin Imitative half-tetarteron B (129); Theodore Comnenus-Ducas: half-tetarteron C (341-3); John Comnenus-Ducas: billon trachy III/K Var. A (398-400). See also Touratsoglou 1971, p. 191.

²⁹ Touratsoglou 1971, p. 191, n. 6.

³⁰ Michael VIII: stamena XX (598-600).

³¹ Theodore II/Thessalonica: billon trachy (467-8). See Touratsoglou 1971, p. 191, n. 5.

³² John Comnenus-Ducas: billon trachy III/T (420); Michael VIII: stamena VII (588); Andronicus II: stamena XXVIII (679-80), XXIX (681), XXXVII (692); Andronicus II-Michael IX: stamena XIX (810).

³³ Latin Imitative half-tetarteron A, reverse (128); John Comnenus-Ducas: billon trachy III/E (387-9), III/L Var. B (406), III/N (408-10), III/W (428-9); Michael VIII: stamena VIII (589); Andronicus II: stamena XV (675), XXVI (677), XXX (682), XXXII (683-5), XXXV (689-91); Andronicus II-Michael IX: stamena XXIII (812-3); Andronicus III: assarion III (835).

³⁴ Andronicus II: stamena XL (694); Andronicus II-Michael IX: stamena XXV (815); Andronicus III: assarion XVIII (843-4).

³⁵ E: Andronicus II: stamena XXXVIII (693), XL (694); Andronicus III: assaria V (836), X (840-1); *Lily*: John Comnenus-Ducas: billon trachy I/B (368-71), III/B (378-80); Andronicus III: assarion VII (839); *Long cross with three cross-arms*: John V/4e: stamena (?) I (887); *Outstretched wing*: John III/Thessalonica: billon trachea A (442-4), B (445-7); *Star*: Manuel Comnenus-Ducas: billon trachy A (346-50); John Comnenus-Ducas: billon trachy III/B (378-80), III/P (414-6), Uncertain (433-4); John III/Thessalonica: billon trachy D (448-9); Michael VIII: stamena XI (590), XIII (592-3), XVII (597); Andronicus II: stamena XXVI (677), XXVII (678), XXXII (685), XXXIV (687-8), XXXV (689-91), XXXVII (692), XXXVIII (693), XL (694); Andronicus III: assaria VII (839), X (840-1), XIV/obverse and reverse (842); John V/4e: stamena (?) I (887); John V/5: stamena III/obverse and reverse (892-3).

³⁶ See also Gerasimov 1969.

³⁷ See also p. 18, n. 86-8.

³⁸ There is also an issue of Ivan II Asen assigned by Hendy, without certainty, to the mint in Ochrida (478).

¹⁵ Stahl 2000, p. 29.

¹⁶ Morrisson 2002, p. 908.

¹⁷ This is not the case for Western scholarship (Lane – Müller 1985, pp. 204-254; Mayhew – Spufford 1988; Stahl 2000).

¹⁸ Bendall 1981a, 1982b, 1984a, 1987a, 1995b.

¹⁹ Morrisson 2001, 2003.

²⁰ Penna 1998b.

²¹ Touratsoglou 1987, 2002 (particularly pp. 284-5).

²² It is of particular interest that the reverse of Manuel Comnenus-Ducas' billon trachy G (364) bears the inscription ΜΑΝΥΗΛ ΔΕΣΠΟΤ ΠΟΛΙΣ ΘΕΣΣΑΛΟΝΙΚΗ Ο ΑΓΙΟΣ ΔΙΜΙ.

²³ The coins themselves provide insights into the techniques that produced them. All Byzantine coins were struck. Obverse-reverse die alignment was with some few exceptions standard practice in all metals. The standard works which describe the methods of striking Late Byzantine trachea, whose problematic shape entailed a specialized manufacturing sequence, are Bendall's and Sellwood's (Bendall – Sellwood 1978; Sellwood 1980; see also Delamare – Montmitonnet – Morrisson 1988, pp. 44-7). The suggested techniques involved two (half and half) concave upper dies and a convex lower die – the flan (or blank) capped the lower convex die.

²⁴ Other criteria of identification are die duplications (Bendall 1995b, p. 139) and localization by find spots (Grierson 1967, p. 318).

²⁵ Theodore Comnenus-Ducas: electrum trachy B (321-2), billon trachy D (329-31); Manuel Comnenus-Ducas: billon trachy G (364-7); John Comnenus-Ducas: billon trachy III/N (408-10); John III/Thessalonica: billon trachy G (455-6); Michael VIII: stamena VIII (589). See Morrisson 2003, pp. 180-3.

and in mid.-1205 started issuing its coins in the new capital, Nicaea.³⁹ Slightly later, however, probably during the period 1210/11-12 or very shortly afterwards, the mint was transferred to Magnesia, where most of the coinage of the Empire of Nicaea was struck.⁴⁰ For the period of the Latin occupation (1204-1224) the mint of Thessalonica issued the products of the Latin invaders, but after the recapture of the city from the Latins in 1224 it operated at first under the Thessalonican emperors, and from 1246 until 1255/56 under Nicaean rule.⁴¹ A mint operating more or less at the same time as the mint of Thessalonica for the rulers of Epirus was the mint of Arta; however, the exact date of its inception remains unknown.⁴² 36.68 per cent of the specimens in the collection were issued in the mint of Thessalonica, and 26.41 per cent were products of the mint of Magnesia. As far as the mint of Constantinople is concerned, for this period the collection contains only issues of the Latin invaders (22.43 per cent), providing an insight into the nature and number of issues that were in circulation.

For the period 1261-1453 the number of mints slightly increased. The issues of the following four (possibly five) mints are present in the Ashmolean: Magnesia, Constantinople, Thessalonica, Philadelphia, and possibly Adrianople or Didymoteicho. Unfortunately, there is still uncertainty about the attribution of several issues to particular mints. For the moment the balance of evidence indicates that for the Palaeologan period the bulk of the Ashmolean specimens dated up to 1453 were issued in the mint of Constantinople. Of the rest, on the basis of standards set up by Bendall⁴³ and Morrisson,⁴⁴ c. 15 per cent of the Palaeologan issues in the collection have been identified as products of the Thessalonican mint, suggesting that the mint of Thessalonica was still active down to the 1380s. Furthermore, profiting from Bendall's work,⁴⁵ 1.3 per cent of the Palaeologan material has been attributed to the mint of Philadelphia, suggesting the operation of that mint continued into the 1270s or 1280s. Finally, the existence of one silver coin attributed by Bendall to the reign of John V-John VI (853)⁴⁶ raises the question of the operation of a mint of John VI in Thrace, either in Didymoteicho or Adrianople. The existence of other presumed mints, also proposed by Bendall, requires further investigation.⁴⁷

It is generally accepted that not all the above mints struck coins in all metals. Analysis of the material in Oxford makes this explicit. The gold coins in the collection were struck almost exclusively in Magnesia and Constantinople, although the evidence of five hyperpyra of Michael VIII (574-8) attributed by Bendall to the mint of Thessalonica, and of four hyperpyra of the same ruler (603-6) attributed by Bendall to the mint of Philadelphia,⁴⁸ reopens the question regarding the production of Late Byzantine gold coins apart from the mint of Constantinople.⁴⁹ The

³⁹ Hendy 1999, p. 133.

⁴⁰ Grierson 1999, p. 58: It is still difficult to say whether the mint of Magnesia continued operating after 1261. Magnesia remained a Byzantine city until 1313 when it was captured by the Turcoman emir Sarukhan who made it his capital and main mint. The fact that his coins were modelled on those of south Italy and not of Byzantium indicates that he did not find a mint there whose personnel could be taken over.

⁴¹ Hendy 1999, p. 130.

⁴² Hendy 1999, p. 134.

⁴³ Bendall 1981a, 1982b, 1987a, 1995b.

⁴⁴ Morrisson 2003.

⁴⁵ Bendall 1984a.

⁴⁶ Bendall 1997a, pp. 154-5.

⁴⁷ Bendall 1984b, p. 161: '... undoubtedly, mints other than Constantinople were producing hyperpyra. Gold coins were certainly struck in Thessalonica, and probably in Philadelphia, as well as in one or two minor mints. Evidence also supports the existence of a secondary mint at Constantinople itself.'

⁴⁸ Bendall's attribution largely relies on Pegolotti's reference to 'perperi di Filadelfe' with a purity of 12 carats.

⁴⁹ For a complete discussion about the production of Palaeologan gold coins in the mints of Thessalonica and Philadelphia, see Bendall 1981a, 1982b, 1984a, 1987a; Touratsoglou 2002, pp. 270, 276; Penna 2003, p. 11.

electrum coins of the collection are products of the mints of Nicaea, Magnesia, Thessalonica and Arta, while the silver coins derive from the mints of Magnesia, Constantinople, Thessalonica,⁵⁰ and either Adrianople or Didymoteicho. As to billon coinage the Ashmolean specimens were struck in the mints of Constantinople, Thessalonica, Nicaea, Magnesia and Arta. Finally, the copper issues were minted in Magnesia, Thessalonica, Constantinople and Philadelphia.

3. Denominations

The Byzantine monetary system of the period 1204-1453 can be divided into the four following periods: a) the Latin conquest (1204-1261), b) the early Palaeologan period (1261-1304), c) the middle Palaeologan period or the period of the silver basilicon (1304-early 1370s), and d) the late Palaeologan period or the period of the silver stavraton (early 1370s-1453) (Table 1a-d).

TABLE 1a: The period of the Latin conquest (1204-1261)

AV	EL.	Bill.	AE	
Hyperpyron	Aspron Trachy	Aspron Trachy	Tetarteron	Half-tetarteron
4.35 g	2.82 g	3.3 g	2.75 g	1.96 g
28 mm	31 mm	29 mm	20 mm	19 mm
Concave	Concave	Concave	Flat	Flat

TABLE 1b: The early Palaeologan period (1261-1304)

AV	AR	AE	
Hyperpyron	Aspron Trachy	Stamenon	Tetarteron
4.3 g	1.77 g	2.56 g	2.09 g
26 mm	26 mm	25 mm	20 mm
Concave	Concave	Concave	Flat

TABLE 1c: The middle Palaeologan period or the silver basilicon period (1304-early 1370s)

AV	AR	Bill.	AE	
Hyperpyron	Basilicon	Tornese/Politikon	Stamenon	Assarion
3.94 g	1.76 g	0.64 g	2.2 g	2.22 g
24 mm	20 mm	18 mm	24 mm	21 mm
Concave	Flat	Flat	Concave	Flat

TABLE 1d: The late Palaeologan period or the silver stavraton period (early 1370s-1453)

AR			AE	
Stavraton	1/2 stavraton	1/8 stavraton	Tornese	Follaro
7.63 g	3.56 g	0.92 g	1.88 g	0.73 g
25 mm	20 mm	15 mm	18 mm	16 mm
Flat	Flat	Flat	Flat	Flat

⁵⁰ On the grounds of a basilicon of Andronicus II-Michael IX (809); see Bendall 1995b, p. 139.

Throughout the years 1204-1453, the basic moneys of account were the hyperpyron, and its twenty-fourth part, the keration. Starting with the first monetary period, the collection contains denominations struck by the successor Byzantine states, being based on the modified monetary system of Alexius I Comnenus (1092). The denominations are the gold concave hyperpyron - perpero,⁵¹ the concave electrum trachy, the concave billon trachy, and the flat copper tetarteron with its fraction, the half-tetarteron.⁵² Continuing with the second period, the denominations represented in the Ashmolean are the hyperpyron, the silver concave coin descended from the concave electrum coin of the twelfth century and called like it a trikephalon⁵³ or an asper (ἀσπερον), and also two denominations of copper - the concave stamenon⁵⁴ and the flat tetarteron. For the third period (1304-early 1370s), the hyperpyron, which continued being struck until c. 1355 (during the reign of John V-John VI),⁵⁵ is present in Oxford; likewise the flat silver basilicon,⁵⁶ in practice called a ducat or a silver piece - ἀργύριον or ἀσπερον,⁵⁷ the billon tornese, followed later by the billon politikon coin,⁵⁸ the concave copper stamenon,⁵⁹ and the flat copper assarion, which virtually replaced the tetarteron, are all represented. In the fourth period (early 1370s-1453), gold coins were not struck; the term hyperpyron continued to be used only as a unit of account. The coins actually struck were the silver stavraton - υπέρπυρον ἀργυρόν - and its fractions, the half-stavraton and the eighth-stavraton⁶⁰ - called an asper or occasionally ducatopouli or ducatelli⁶¹ - and two flat copper denominations, the tornese and the follaro.⁶² Billon coinage was not struck in the very last phase of the Palaeologan period.

The Ashmolean collection indicates the frequency with which denominations appeared in Byzantine economic life of the period 1204-1453. In the first monetary period (1204-1261) the

⁵¹ Grierson 1966, p. 124.

⁵² Not every denomination was struck by each state. Thus, the Nicaean emperors struck all the denominations, except for the half-tetarteron. The rulers of the Empire of Thessalonica struck all the denominations, except for the hyperpyron. The despots of Epirus issued only electrum and billon trachea. Finally, the Latin emperors struck in the mint of Constantinople hyperpyra, while in both the mints of Constantinople and Thessalonica billon trachea and half-tetartera.

⁵³ The name survived for the denomination, despite the fact that three figures were no longer depicted on them.

⁵⁴ Grierson 1999, p. 53: Modern chemical analysis has shown that the stamena do not contain any silver. Despite this, it is suggested that they retained their concave form as an indication of value. Perhaps it was the coins' shape that led Bendall to name them billon trachea in his important study *The Billon Trachea of Michael VIII Palaeologos 1258-1282*.

⁵⁵ Grierson 1999, pp. 47-8, 193: The last gold coin of all, attributable to the 1350s, was the semi-Western gold flat 'florin' of John V. A unique specimen survives in the Bibliothèque Nationale. It weighs much less than the traditional *nomisma*, but it was of nearly pure gold (97.9 per cent). The Byzantine side depicted the standing figure of the emperor, while the Western side showed the standing figure of St. John.

⁵⁶ Morrisson 2002, p. 925: The introduction of the basilicon marked the abandonment of Comnenian numismatic structures.

⁵⁷ The collection does not include the fraction of the basilicon, the half-basilicon.

⁵⁸ For reasons that are not clear, those coins that bear the legend ΠΟΛΙΤΙΚΟΝ and an imperial effigy (854-8) are concave, while those that are anonymous (859-65) are flat.

⁵⁹ Grierson 1999, p. 28: The old term 'histamenon' had once meant a gold coin of concave fabric. It was transferred in the twelfth century to the concave billon trachea of the Alexian reformed coinage, which subsequently were minted in copper.

⁶⁰ Grierson 1999, p. 51: The stavraton was accompanied initially by the eighth, and subsequently by the half.

⁶¹ Grierson 1999, p. 51: There was no quarter stavraton of c. 2 g, presumably because the Venetian grosso of 2.18 g, although reduced in 1369 to 1.99 g and in 1394 to 1.82 g, fulfilled the need for a coin of about this weight.

⁶² With the disappearance of the concave hyperpyron and the copper trachy in the 1350s there also vanished the concave fabric.

most common denomination struck by every successor state and the Latin rulers is the billon trachy (421 sp., c. 83.9 per cent of the total amount of specimens from the period 1204-1261 in the collection). Next is the electrum trachy struck by the Empires of Nicaea and Thessalonica, as well as by the Despotate of Epirus (28 sp., c. 5.6 per cent), followed by the tetarteron, which was basically struck by the Empire of Nicaea (28 sp.), and by the Empire of Thessalonica (3 sp.). Finally, the Ashmolean contains a moderate number of hyperpyra of the Empire of Nicaea (15 sp., c. 3 per cent). Moving to the second monetary period (1261-1304) the most popular denomination was the concave copper stamenon (127 sp., c. 54 per cent), followed very closely by the hyperpyron (100 sp., c. 42.6 per cent). Only 3 Constantinopolitan silver trachea are present in the collection, supporting the view that they were struck on a limited scale, and did not play an economic role of any consequence.⁶³ In the third monetary period (1304-early 1370s) the most popular denominations, as demonstrated in the Ashmolean collection, were the basilicon (32 sp., c. 27.4 per cent), and the flat copper assarion (38 sp., c. 32.5 per cent), followed by the concave copper stamenon (20 sp., c. 17.1 per cent). Next were the billon denominations, namely the politikon (13 sp., c. 11.1 per cent) and the tornese (9 sp., c. 7.7 per cent). Finally, for the last monetary period (early 1370s-1453), the most frequent denomination present in the collection is the half-stavraton (96 sp., c. 43.6 per cent). Next is the eighth stavraton (55 sp., 25 per cent), followed by the stavraton (40 sp., c. 18.2 per cent), which is again followed by the copper tornese (17 sp., c. 7.7 per cent) and the copper follaro (12 sp., c. 5.5 per cent). All in all, the dominant denominations were: in the first monetary period the billon trachy, in the second the copper stamenon and the hyperpyron, in the third the basilicon and the copper assarion, and in the last the half-stavraton.

What is evident from the above is the multi-denominational nature of the Byzantine monetary system. Apart from the hyperpyron, which was the only gold denomination of the period 1204-1453, and the aspron trachy, which was the unique representative of the electrum coinage, the silver trachy was soon succeeded by the basilicon, which was followed by the stavraton and its fractions. Moreover, the billon trachy was succeeded by the tornese, and shortly after by the politikon, while the tetarteron and its half were followed by the stamenon and the assarion, which were finally replaced by the copper tornese and the follaro. The sophisticated character of the Byzantine monetary system, which comprised large, intermediate and small denominations, possessed great adaptability. Every monetary crisis was followed by a process of stabilization that lasted at least half a century.⁶⁴ For instance, the basilicon was introduced in 1304 and circulated until the early 1370s, in the crucial period when the Venetian grosso imported into Greece in the decades following the Fourth Crusade was widely circulating in Thrace, Macedonia, central and western Greece, the Peloponnese and Crete.⁶⁵ Finally, it is instructive that the Byzantine coinage of the fourteenth and fifteenth centuries seems to have consisted mainly of two denominations of very disparate value⁶⁶ – the copper tornesi/follari and the silver stavraton, which actually formed an independent system with its own fractions.

⁶³ Grierson 1999, p. 10.

⁶⁴ Morrisson 2002, pp. 912, 920.

⁶⁵ Galani-Krikou 1988, p. 184.

⁶⁶ Similar to the Byzantine coinage of the ninth, tenth, eleventh centuries (see Metcalf 1979, p. 13).

4. Weights

The coin weight data available in the Ashmolean collection forms the basis of the following metrological analysis, which provides a fair indication of the intended weights of the Byzantine issues in the period 1204-1453.⁶⁷ Nevertheless, two limitations should be kept in mind. Firstly, coins were allowed to fluctuate in weight within certain limits, which in the case of copper and billon coins could be large.⁶⁸ And secondly, coins might be underweight, as a result of wear⁶⁹ or cleaning, or overweight through selective hoarding (the better specimens are set aside, and tend to survive) or as a result of the adhesion of corrosion products to a coin's surface.⁷⁰ The following research aims to average the weights of each denomination, pointing out the lightest and heaviest specimens⁷¹ - in order to measure how much the weights are spread on each side of the mean weight - and the most frequent recorded weights of the most numerous groups, as well as the changes or irregularities in the weights over the years. The method used for presenting chronologically the distribution profile of the weights within a sample consisting of coins of the same denomination is the graph. The blue line indicates the mean weights; the height of the points on the blue line is adjusted according to the average weights (given on the vertical line of the graph) of the coins issued by the responsible imperial authority (given on the horizontal line of the graph).⁷² No coins have been excluded from this process, except for those that have been seriously clipped and damaged. The irregularities in the weights of the Late Byzantine issues make clear that the mints struck coins *al marco*, and not *al pezzo*, namely that they were averaging the weights of the coins, instead of controlling the weights of individual coins within strictly defined limits.⁷³ The weights of the gold coins also vary significantly because the coins were debased, resulting in a lowering of their weight.

The average weight of hyperpyra of John III in the Ashmolean is c. 4.37 g. This figure is maintained in the thirteenth century through to Theodore II. Under Michael VIII the average falls to c. 4.15 g, with 3 specimens (out of 29 from this reign included in the collection) failing to reach the 4 g level, and under Andronicus II the average is down to 4.02 g, with the majority of the coins weighing between 3.90 g and 4.10 g. The irregularities in the weight are particularly apparent in the joint reign of Andronicus II-Michael IX, where 1 specimen out of the 70 in the collection falls below 3 g. This is a feature repeated in the joint reign of Andronicus II-Andronicus III, where 1 specimen out of the 2 in the collection falls again below 3 g.⁷⁴

⁶⁷ For a statistical analysis of coin weights by computer, see Cope 1980.

⁶⁸ When billon and copper coins were overvalued significantly, their intrinsic value and consequently the value of their weight became less important. That is why the fluctuation of weight in the billon and copper coinage could be large.

⁶⁹ Grierson 1975, p. 149: Allowance for wear in gold is normally small, 1 per cent or 2 per cent, but that on silver may be up to 4 per cent or 5 per cent, and even larger for copper.

⁷⁰ Grierson 1975, pp. 146-7.

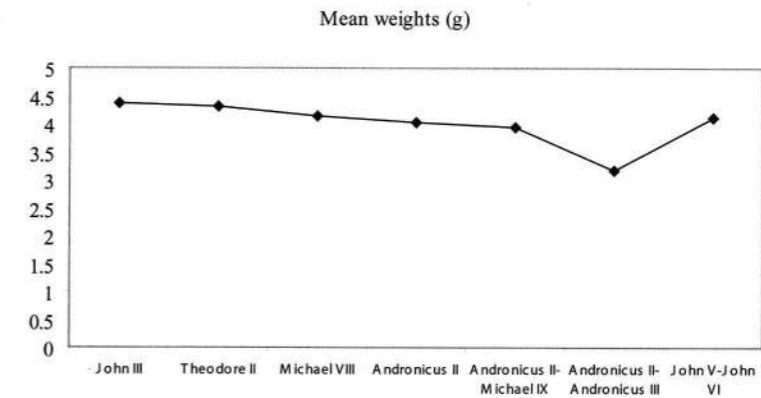
⁷¹ Recognizing the danger that coins might be struck by accident on heavy or light flans intended for other denominations.

⁷² Thus, for the purposes of this research the conventional histogram, which consists of a set of columns whose heights represent the number of coins whose weights lie within the range given by the width of the columns, is not utilised.

⁷³ Grierson 1999, p. 43.

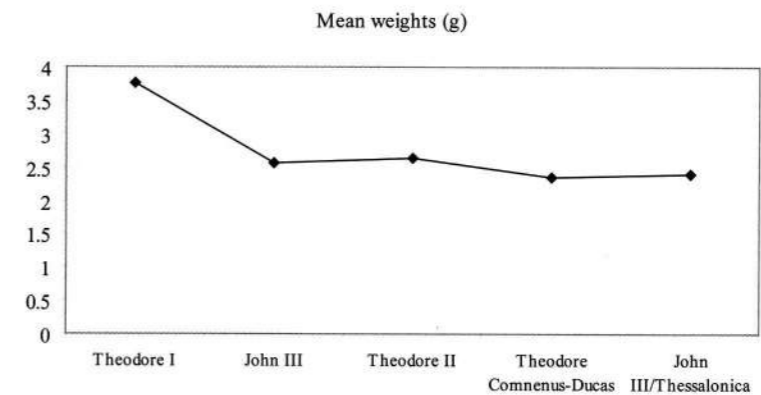
⁷⁴ Moreover, the average weight of the two hyperpyra of John V-John VI is 4.11 g, while the single hyperpyron of Andronicus III-John V-Anna of Savoy weighs 4.13 g.

GRAPH 2: Hyperpyra



The average weight of the electrum trachea of Theodore I is c. 3.77 g, but under John III it falls to c. 2.57 g, a figure maintained through the reign of Theodore II. Throughout the rule of the Empire of Thessalonica the weights of the electrum trachea average c. 2.3-c. 2.4 g.⁷⁵

GRAPH 3: Electrum trachea



The analysis of the weights of the silver coinage in the collection indicates that the recorded weights of the very few silver trachea are all under 2 g, and most of them fall to c. 1.7 g. Moreover, the weights of the basilicon for the period 1304-1320 (or later) vary, with one specimen of the anonymous religious series rising as high as 2.16 g,⁷⁶ and one, of the regular series, falling to 1.48 g, but with the majority weighing under 2 g (c. 1.8 g).⁷⁷ For the period 1328-1341, namely during the reign of Andronicus III, the weight of the basilicon in the collection is reduced from c. 2 g to c. 0.95 g. The implication is that the denomination comprises two series, a heavy

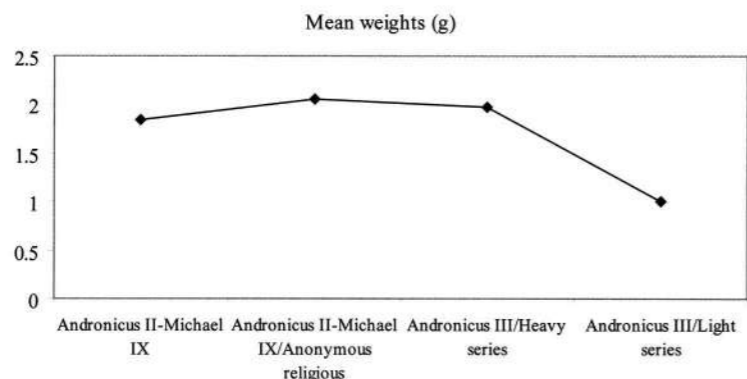
⁷⁵ A single specimen of electrum trachy of Manuel Comnenus-Ducas weighs 3.16 g.

⁷⁶ Very close to the Venetian grosso, which weighed 2.18 g.

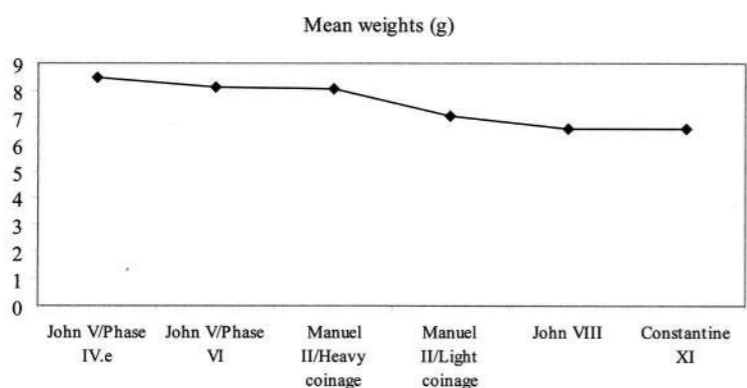
⁷⁷ It is worth noting that the average weight of the anonymous religious series reaches the figure of 2.06 g.

original coin being eventually replaced by a lighter one.⁷⁸ Finally, in the second phase of the reign of John V (1347-1353) the average weight of the basilica in the collection is c. 1.2 g, a figure that, according to Grierson, implies a value of a twelfth of a notional hyperpyron 11 carats fine.⁷⁹

GRAPH 4: Basilica



GRAPH 5: Stavrata



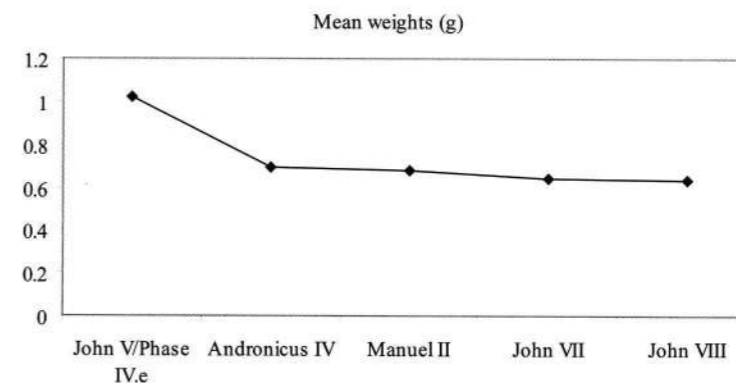
Furthermore, the metrological analysis of the stavrata in the Ashmolean collection reveals that the weight of the stavrata, when introduced by John V before the usurpation of Andronicus

⁷⁸ Grierson 1999, p. 164: The reason for the reduction of the weight of the basilicon lies probably in the difficulty in securing adequate silver supplies; on the one hand, not enough basilica were in circulation to meet the demand, and on the other, the state could not afford to mint new ones. A parallel phenomenon was taking place in Venice, as in most of Western Europe, at this time.

⁷⁹ Grierson 1999, p. 184.

IV in 1376,⁸⁰ was c. 8.49 g, but was reduced by the end of John V's rule to c. 8.14 g. A further weight reduction was carried out in the reign of Manuel II (to c. 7.02 g), and reached its lowest level in the reign of John VIII, at c. 6.55 g, a figure maintained in the reign of the last emperor of the Byzantine Empire, Constantine XI.⁸¹

GRAPH 6: Eighth stavrata



John V introduced the eighth stavraton together with the stavraton. Analysis of the Ashmolean collection demonstrates that the average weight of the small silver coin throughout John V's reign is 1.02 g, with 1 specimen out of the 13 in the collection falling to 0.82 g. Under Andronicus IV the single specimen in the collection weighs 0.69 g, while under Manuel II the average weight reaches again the figure of 0.68 g, with most of the coins weighing between 0.71 g and 0.92 g. Under John VII the weight is slightly further reduced to an average of 0.64 g, with the majority of the specimens falling under 0.6 g. Finally, under John VIII the eighth stavraton reaches its lowest average weight at 0.63 g, with the majority of the coins weighing between 0.61 g and 0.64 g.

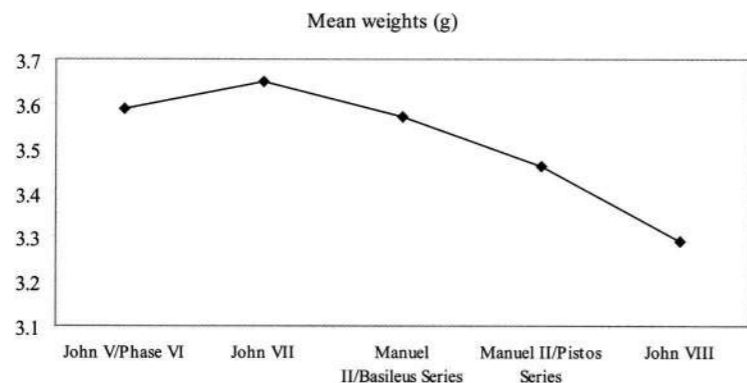
In the 1380s John V added the half-stavraton to the stavraton series.⁸² The Ashmolean collection contains only one specimen of John V, weighing 3.59 g, but under John VII the average weight of the half-stavraton is 3.65 g, with 1 specimen out of the 9 in the collection weighing 3.20 g. Under Manuel II the weights of the half-stavrata vary, with one specimen reaching the lowest level of 1.95 g and another reaching the highest level of 3.89 g, with 12 specimens weighing between 2.95 g and 3.27 g, and the majority of the specimens averaging 3.75 g. Under John VIII the average weight of the half-stavraton falls again to c. 3.29 g, with 1 specimen in the collection failing to reach the 3 g level (it weighs 2.74 g). Thus, the reduction of the weight of the stavraton and its fractions seems to have moved, deliberately, in step.

⁸⁰ Grierson (1999, pp. 28-31, particularly p. 30) considers that the stavraton was probably introduced in 1367, while Bendall (2002b, p. 334, n. 8, 10), based on the rarity of John V's early stavrata, places its introduction a few years later, in the early 1370s.

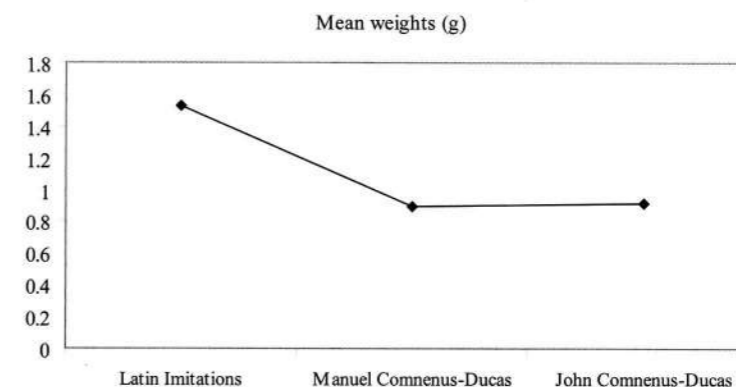
⁸¹ According to Grierson (1999, p. 50), the stavraton was reduced over the years to c. 7.5 g or less. However, it is obvious here that the weight was in fact reduced to c. 6.5 g.

⁸² Grierson 1999, p. 51: It is suggested on the basis of the discontinuation of the eighth stavraton during John V's last years that John V added the half-stavraton as a substitute for the eighth. But the eighth was restored by Manuel II, and the stavraton and its two fractions continued being struck down to the end of the empire.

GRAPH 7: Half stavrata



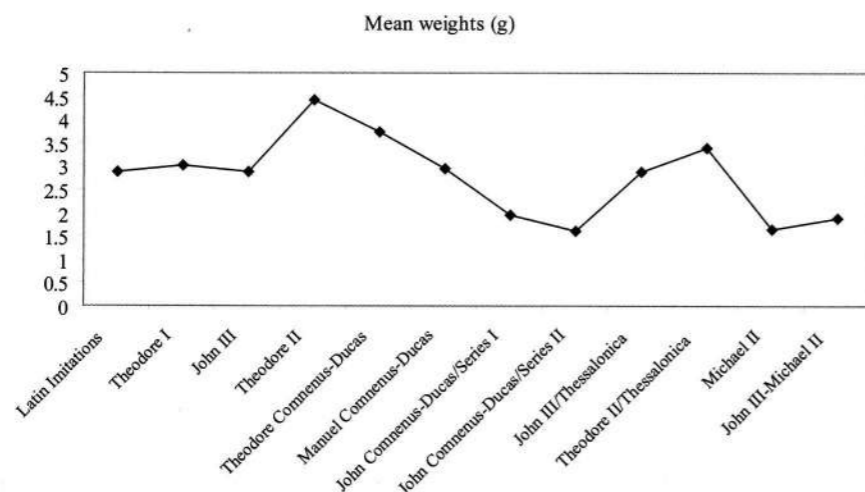
GRAPH 9: Billon trachea – small-module



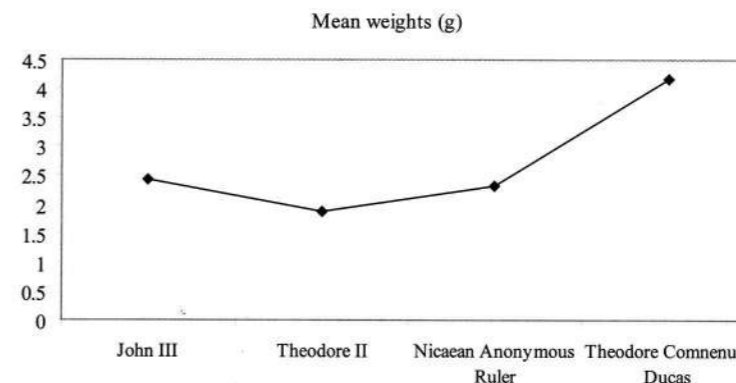
Moving on to the billon coinage, the large-module billon trachea struck by the Latin invaders are coins some 29 mm in diameter. They average c. 2.86 g, with the majority of the specimens weighing between 2 g and 3 g. As to the small-module billon trachea, about 22 mm in diameter, the average weight is c. 1.53 g, with only 3 specimens out of 22 failing to reach the 1 g level. Under Theodore I the average weight of the billon trachea is c. 3.03 g, falling to c. 2.87 g under John III, and increasing to 4.42 g under Theodore II. Under Theodore Comnenus-Ducas the weights of the billon trachea average c. 3.75 g, but c. 2.96 g under Manuel Comnenus-Ducas. In John Comnenus-Ducas' reign the average weight of the large-module trachea is 1.96 g (Series I) and 1.61 (Series II), while that of the small-module trachea is 0.92 g (Series III). Under John III's Thessalonican rule the average of the billon trachea again reaches the 3 g level, and under Theodore II it exceeds it (3.39 g). Finally, the weight of the billon trachea of the rulers of the Despotate of Epirus (Michael II, John III-Michael II) kept in the collection averages c. 1.72 g.

The minting of the tornesi, worth an eighth of a basilicon, started under Andronicus II. The study of the weights of the specimens in the Ashmolean collection shows that the average weight of the tornesi bearing only the figure of Andronicus II is c. 0.6 g, while the average weight of those bearing the figures of Andronicus II and Michael IX falls to c. 0.5 g (no graph is provided). The tornesi were followed under Andronicus III by the politikon series. The collection does not include any politikon coins of Andronicus III, but does contain 12 specimens of John V with average weight c. 0.6 g. A coin outside the usual pattern in the collection is one of copper, but of Class XVI of the politikon series, struck on a concave flan that weighs 2.25 g.⁸³

GRAPH 8: Billon trachea – large-module



GRAPH 10: Tetartera

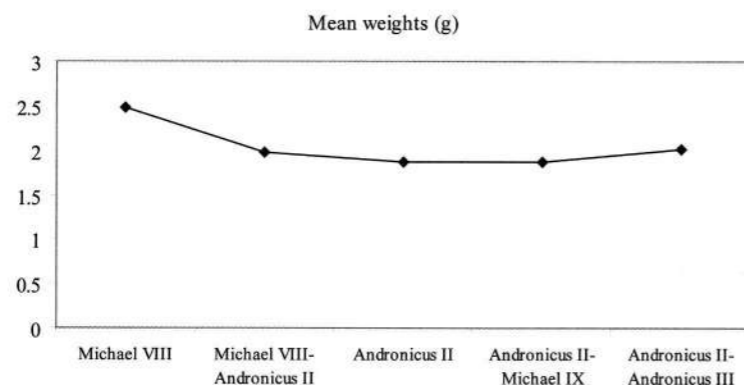


Under Nicaean rule, the average weight of the small (20 mm in diameter) and relatively thick tetartera decreases from c. 2.44 g under John III to c. 1.89 g under Theodore II. In contrast the tetartera of the Empire of Thessalonica, and specifically of Theodore Comnenus-Ducas, average c. 4.16 g. The average weight of the half-tetartera struck by the Latin rulers in the mint of Thessalonica is c. 1.77 g.

⁸³ According to Grierson (1999, p. 52), the coin was intended as a stamenon, but because it was realised that it would have been confusing for users to handle politikon coins and stamena of the same type, the coin was silvered and reckoned as politikon.

The irregularly shaped stamena of Michael VIII in the Ashmolean collection weigh anywhere between 1.24 g and 4.14 g, averaging over 2 g (c. 2.48 g).⁸⁴ According to Grierson, they were perhaps struck 144 to the pound, but the differences between the specimens are striking indicators of the existence of 'no prescribed limits of tolerance'.⁸⁵ Under the joint reign of Michael VIII-Andronicus II the average weight falls to a little under 2 g (1.97 g), a figure maintained throughout the sole reign of Andronicus II (c. 1.87 g),⁸⁶ the joint reign of Andronicus II-Michael IX (c. 1.86 g),⁸⁷ and the joint reign of Andronicus II-Andronicus III (c. 2.01 g).

GRAPH 11: Stamena



The stamena were accompanied at first by tetartera. The average weight of the tetartera of Andronicus II in the collection is c. 2.08 g with most of the specimens (4 out of 5) weighing between 1.8 g and c. 2 g. In 1294, on the association of Andronicus II with Michael IX as co-emperor, the stamena were accompanied by the larger and thinner assaria. The assaria of Andronicus II-Michael IX in the Ashmolean collection weigh between 1.2 g and 2.63 g, averaging c. 1.98 g, while the assaria of Andronicus III average 1.77 g with most of the specimens weighing between 1 g and 1.9 g.⁸⁸

⁸⁴ The average weight of the Magnesian stamena is 2.18 g, of the Constantinopolitan c. 2.52 g, of the Thessalonican c. 2.39 g, and of the Philadelphian c. 2.15 g.

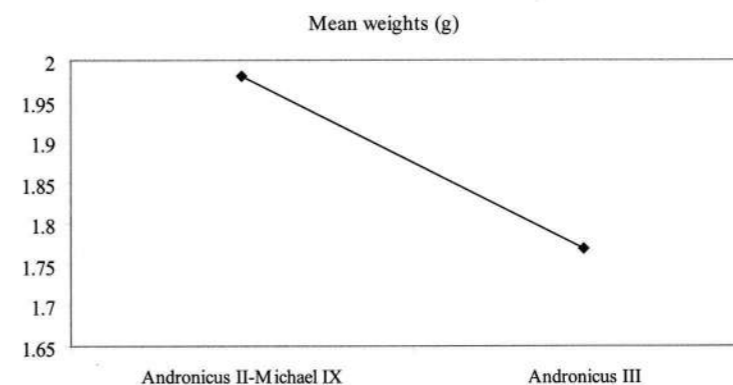
⁸⁵ Grierson 1999, p. 116.

⁸⁶ The average weight of the Constantinopolitan stamena of Andronicus II in the collection is c. 2.06 g, while the average of his Thessalonican trachea is c. 1.74 g.

⁸⁷ The average weight of the Constantinopolitan stamena is c. 2.32 g, while that of the Thessalonican stamena is c. 1.24 g.

⁸⁸ The average weight of the Constantinopolitan assaria is c. 2.14 g, while that of the Thessalonican assaria is c. 1.59 g.

GRAPH 12: Assaria



In the fourth monetary period (early 1370s-1453) the stamenon and assarion were replaced by the tornese and follaro. The weights of the tornesi of Manuel II in the Ashmolean collection vary significantly between c. 1.8 g and c. 2.5 g, averaging c. 2 g. The average weight of the follari under Manuel II is c. 0.73 g, a figure maintained in the reign of John VIII.

All in all, control of the weights was more important for gold, silver and electrum denominations than for billon and copper. For example, the relationship between the fractions of the stavrata was maintained despite the process of debasement.

5. Imperial authorities

For the period 1204-1261 the collection provides almost full coverage of imperial authorities. Starting with the Empire of Nicaea, it includes electrum and billon trachea struck in the mints of Nicaea and Magnesia by Theodore I;⁸⁹ hyperpyra, electrum and billon trachea and tetartera, all struck in Magnesia by John III; and hyperpyra, electrum and billon trachea and tetartera, all again struck in Magnesia by Theodore II. Moving on to the Empire of Thessalonica, the collection includes electrum and billon trachea, tetartera and half-tetartera of Theodore Comnenus-Ducas; electrum and billon trachea (in two modules) of Manuel Comnenus-Ducas; billon trachea in three modules of John Comnenus-Ducas; billon trachea of Demetrius Comnenus-Ducas; electrum and billon trachea of John III; and billon trachea of Theodore II.⁹⁰ Continuing with the Despotate of Epirus, present in the collection are electrum trachea of Manuel Comnenus-Ducas, billon trachea of Michael II Comnenus-Ducas, and billon trachea of John III-Michael II Comnenus-Ducas.⁹¹ As to the coinage of other rulers in the collection, there is a wide range of billon trachea in three modules struck by the Latin authorities in the mints of Constantinople and Thessalonica, as well as a series of half-tetartera issued by the Latin Empire in the mint of Thessalonica. The collection also includes a single specimen of a billon trachy, from an uncertain mint, probably Ochrida, of Ivan II Asen.

⁸⁹ For a hyperpyron of Theodore I, see Ćordanov 1989.

⁹⁰ For the Magnesian coinage of Michael VIII, see period 1261-1453.

⁹¹ The collection does not include any coins of Michael I Comnenus-Ducas and Theodore Comnenus-Ducas.

TABLE 2: Imperial authorities and their denominations, 1204-1261

Imperial Authorities	Hyperpyron	Aspron trachy (el.)	Aspron trachy (bill.)	Tetarteron	1/2 tetarteron
EMPIRE OF NICAEA					
Theodore I		•	•		
John III		•	•	•	
Theodore II	•	•	•	•	
EMPIRE OF THESSALONICA					
Theodore C-D		•	•	•	
Manuel C-D		•	•		
John C-D		•	•		
Demetrius C-D		•	•		
John III		•	•		
Theodore II		•	•		
DESPOTATE OF EPIRUS					
Manuel C-D		•			
Michael II C-D		•			
John III-Michael II		•			
OTHER RULERS					
Latin Empire					•
Ivan II Asen					•

TABLE 3: Imperial authorities and their denominations, 1261-1453

PALAEOLOGAN DYNASTY	Hyperpyron	AR trachy	Basilicon	Stavrakon	1/2 stavrakon	1/8 stavrakon	Bill. tornese	Politikon	Stamenon	Tetarteron	Assarion	AE tornese	Follaro
Michael VIII	•								•				
Michael VIII-Andronicus II									•				
Andronicus II	•						•						
Andronicus II-Michael IX	•						•						
Andronicus II-Andronicus III	•						•						
Andronicus III													
John V/Phase I	•												
John V/Phase II	•												
John V/Phase IV.a													
John V/Phase IV.b													
John V/Phase IV.c													
John V/Phase IV.d													
John V/Phase V													
John V/Phase VI													
Manuel II													
John VII													
John VIII													
Constantine XI													

For the period 1261-1453 the collection gives an exceptionally good coverage of emperors of the Palaeologan Dynasty. It includes Constantinopolitan hyperpyra, Magnesian and Constantinopolitan silver trachea, and stamena issued in the mints of Constantinople, Thessalonica and Philadelphia by Michael VIII; Constantinopolitan and Thessalonican stamena of Michael VIII-Andronicus II; Constantinopolitan, as well as probably Thessalonican hyperpyra, billon tornesi, Constantinopolitan and Thessalonican stamena, and tetartera of Andronicus II; hyperpyra, basilica, billon tornesi, stamena and assaria of Andronicus II-Michael IX; hyperpyra and Constantinopolitan stamena of Andronicus II-Andronicus III; heavy and light basilica, billon politikon coins and Constantinopolitan and Thessalonican assaria of Andronicus III; hyperpyra of John V-Andronicus III-Anna, basilica of John V-Andronicus III, basilica and Thessalonican assaria of John V-Anna, hyperpyra, basilica and billon tornesi of John V-John VI, and stavrata, eighth-, and half-stavrata of John V; eighth-stavrata and copper tornesi of Andronicus IV; heavy and light stavrata, half-, and eighth-stavrata, copper tornesi and copper follari of Manuel II; half-, and eighth-stavrata and copper tornesi of John VII; stavrata, and half-stavrata of John VIII; and a stavraton of Constantine XI. Coins of John VI alone and of John V in association with Andronicus IV or with Manuel II are absent from the collection.

The issues of the period 1261-1453 (618 sp., c. 54.8 per cent) in the collection outnumber those of the period 1204-1261 (510 sp., c. 45.2 per cent). The majority of coins were struck by the Latin authorities (148 sp., 13.1 per cent), followed by the issues of Michael VIII (134 sp., c. 11.9 per cent), of John III (129 sp., 11.4 per cent) and of Manuel II (126 sp., c. 11.2 per cent). Next are the coins of Andronicus II-Michael IX (115 sp., c. 10.2 per cent), followed by the issues of the sole reigns of Andronicus II (78 sp., 6.8 per cent), of John Comnenus-Ducas (68 sp., 6.1 per cent) and of Theodore I (67 sp., 5.9 per cent). In contrast, the Ashmolean owns a single specimen of Constantine XI.⁹² What emerges from the above is that the collection in Oxford is representative of the imperial authorities responsible for striking different series of denominations. The evidence shows that John III, Theodore II, Andronicus II and Manuel II issued virtually the whole range of denominations in their imperial lifetimes, encouraging a monetary pluralism together with homogeneity in circulation.

6. Types and varieties

Careful examination of the coins reveals that coin types gradually underwent many changes in the years between 1204 and 1453,⁹³ reflecting the mood, artistic fashion, taste, and symbolism of the period.⁹⁴ Most types are composed by the pairing of religious and secular designs, but there are cases where two imperial designs make a pair (one imperial figure on each side),⁹⁵ or where

⁹² The single specimens of Manuel Comnenus-Ducas of the Despotate of Epirus, of Ivan II Asen and of John V-Andronicus III are not included in this consideration.

⁹³ Modern scholarship (Parani 2003, pp. 15, 21, 28, 34) has shown that in most cases imperial effigies on coins reproduced conventional types, 'probably due to the conventionalism as a rule characterizing representations in this medium.' Despite the abundance of ready-made themes, however, there are types, illustrated below, that bear novel elements.

⁹⁴ As correctly noted by Sutherland (1955, pp. 15, 124), 'the art expressed in coinage is pre-eminently social art.' For the role of imperial symbolism on Byzantine coins, see Galavaris 1958 and Protonotarios 1972b, pp. 37-43.

⁹⁵ Andronicus II-Michael IX: Constantinopolitan assarion VIII (792); John V/4c: Thessalonican assaria II (868), III (869).

the imperial type is non-existent.⁹⁶ For the period 1204-1261 the majority of the coins of the Latin Empire and of the successor states retain conventional designs. However, occasionally they exhibit novel designs inspired by Western prototypes, such as the adoption of the saints Peter and Paul embracing,⁹⁷ and of the fleur-de-lys.⁹⁸ For the period 1261-1453 the coin types exhibit both Western influences, as seen in the figure of Christ standing in a mandorla,⁹⁹ and a new wave of dynamism and creativity¹⁰⁰ that produced a number of interesting designs, such as the figure of the Virgin praying for the salvation of Constantinople inside the schematic towers of the ramparts, the tragic figure of the emperor alone 'prophesying doom'¹⁰¹ kneeling in *προσκύνηση* in front of Christ, and the martyrdom of St. Demetrius.

i. Religious types

The criteria for the selection of religious types were probably a matter of personal imperial preference,¹⁰² emanating from dynastic mores,¹⁰³ acts of political expediency¹⁰⁴ or personal habits of worship.¹⁰⁵ Almost always, holy images alone or in pairs appear on the side of the coin opposite to the emperor, occupying usually the obverse, and rarely the reverse.¹⁰⁶ However, in the Ashmolean collection holy images do appear on both sides of coins in eight combinations (Table 4).

TABLE 4: Religious types on both sides

No.	Obverse	Reverse	Catalogue
1	Christ enthroned	Virgin Orans	72-3
2	St. Peter	Virgin Hagiosoritissa	74-7
3	Virgin Hagiosoritissa Orans	St. Peter and St. Paul	78-83
4	St. Nicholas	St. John the Baptist	84-8
5	Christ enthroned	St. Helena and St. Constantine	124-6
6	St. Helena	St. Constantine	129
7	Christ Emmanuel	Archangel Michael	436-9
8	Christ enthroned	Virgin enthroned	775-8

⁹⁶ Latin Imitative billon trachy U (84-8) and half-tetartera A (128), B (129); Anonymous Nicaean ruler: tetartera D-G (314-9); Demetrius Comnenus-Ducas: billon trachy (436-9); Andronicus II-Michael IX: anonymous religious basilica a/b (775/776-8); John V/4b: billon politika VII-XI (859-65).

⁹⁷ Latin Imitative billon trachy T (78-83).

⁹⁸ John III: billon trachea U (261-2), V (263-7); Theodore II: electrum trachea II (302), III (303), billon trachy B (306), tetarteron A (309-10); John Comnenus-Ducas: billon trachea I/B (368-71), III/B (378-80), III/H (393-4), III/X (430-2); John III/Thessalonica: billon trachy F (453-4).

⁹⁹ Grierson 1999, p. 75: This was the obverse type of the Venetian gold ducat introduced in 1284/5.

¹⁰⁰ Galavaris 1997, p. 129.

¹⁰¹ Penna 2002, p. 137.

¹⁰² Penna 2002, p. 134. In agreement with the same author (Penna 1998a, pp. 262, 274), the role of personal preference was not as strong on coins as on seals, for coins enjoyed a wider use and circulation than seals, and had to reflect specific dynastic choices.

¹⁰³ For example, the representation of military saints was indicative of the emperors' endeavours to stress their military supremacy.

¹⁰⁴ See the saints Peter and Paul embracing on billon trachy T struck by the Latin rulers (78-83).

¹⁰⁵ For instance, the emperor's desire to depict his name saint (the representation of name saints was common on lead seals as well. For example, the figure of St. Theodore Stratelates was depicted on a lead seal of Theodore I, see Penna 1998a, p. 265) or the patron saint of his city.

¹⁰⁶ Virgin Orans, St. Demetrius, St. Theodore on the reverse of: Anonymous Nicaean ruler: tetartera D (314-5), G (318-9); John Comnenus-Ducas: billon trachea III/H (393-4), III/T (420); John V/4e: Thessalonican assarion IV (888-9).

Why the imperial authorities responsible for striking such coins preferred the sacred to the secular on both sides remains uncertain.

The following examination commences with the descriptions of standard religious types, namely of designs portraying Christ and the Virgin,¹⁰⁷ and then of types presenting secondary holy personages.

a) Christ

Under the Latin Emperors and the rulers of the successor states prior to the re-establishment of Byzantine power in 1261, the typical obverse design of various denominations is the figure of Christ alone, always nimbate and accompanied by the abbreviation ΙΥ ΧΥ. Christ is often bearded, seated upon a throne (with or without a backrest) and either raising his right hand above the level of his right shoulder and blessing the spectator¹⁰⁸ or holding that hand in front of his chest and pointing to the Gospel which he holds in his left hand.¹⁰⁹ Or he is a frontal beardless youth (occasionally labeled as *ΕΜΜΑΝΘΗΑ*) with curly locks pushed behind his ears and a high forehead, holding a scroll in his left hand.¹¹⁰ Rarely, the figure of Christ is depicted bearded, holding a scroll in the left hand and accompanied with the inscription *ΕΜΜΑΝΘΗΑ*,¹¹¹ or beardless and holding the Gospel in his left hand.¹¹² Also uncommon is the appearance on the obverse of some coins of the full-length figure of Christ bearded standing on a dais (souppedion), raising his right hand in benediction and holding the Gospel in his left.¹¹³ On a billon trachy of John III this type is accompanied with the inscription *ΧΑΛΚΙΤΙΣ*.¹¹⁴ Still more unusual are the following combinations: the representation of the bust of the bearded Christ holding the Gospel in his left hand,¹¹⁵ or of the enthroned figure of the beardless Christ holding a scroll in his raised left hand.¹¹⁶

¹⁰⁷ For a very general account of Christ's and Virgin's representations mainly on Byzantine coins, see Hovard 1981.

¹⁰⁸ *With back*: Constantinopolitan large Latin Imitation B (26-31); small Latin Imitation B (32-3); Theodore I: electrum trachy B (132-6); *Without back*: Constantinopolitan large Latin Imitations F (44-5), R (72-3); Thessalonican large Latin Imitations A (107-13), C (124); small Latin Imitations D (114-7), F (125-6); Theodore I: billon trachy Second Coinage (161-85); John III: hyperpyron Second Coinage (202-8), billon trachy F (231-2); Theodore II: hyperpyra Var. I (298-9), Var. II (300), electrum trachy III (303); Theodore Comnenus-Ducas: electrum trachy A (320), billon trachy D (329-31); John III/Thessalonica: billon trachy M (466); Michael VIII: Magnesian silver trachy (480), Magnesian stamenon B (483-4).

¹⁰⁹ Stavrata and their fractions of Manuel II (903-1003), John VII (1029-49), John VIII (1051-92), Constantine XI (1095).

¹¹⁰ *With the inscription ΕΜΜΑΝΘΗΑ*: Theodore I: electrum trachy D (188), billon trachy D (189-92); John III: electrum trachy D (210), billon trachea E (228-30), V (263-7), A² (Uncertain/Addenda) (276-7); Theodore Comnenus-Ducas: billon trachy A (324-6); Demetrius Comnenus-Ducas: billon trachy (436-9); Manuel Comnenus-Ducas (Arta): electrum trachy (469). *Without the inscription ΕΜΜΑΝΘΗΑ*: Constantinopolitan large Latin Imitations D (35-9), E (40-3), P (67-71); Theodore I: billon trachy F (193-4); John III: electrum trachea M (214-5), Q (217-8), billon trachea J (240), R (254-6), S (257-8), tetarteron E (293); Theodore Comnenus-Ducas: billon trachy G (335-7); Manuel Comnenus-Ducas: billon trachy E (359-60).

¹¹¹ Thessalonican large Latin Imitation B (118-23).

¹¹² John III: electrum trachy G (212); Ivan II Asen: billon trachy A (478).

¹¹³ Constantinopolitan large Latin Imitation O (61-6); Thessalonican Latin Imitative half-tetarteron C (130-1); Theodore I: electrum trachy C (137); John III: electrum trachy J (213), billon trachy M (243-6); Theodore II: electrum trachy I (301), billon trachy A (304-5). Continued in the Palaeologan period: Michael VIII: Constantinopolitan stamenon XVIII (546-7).

¹¹⁴ Type H (237-9). The representation of Christ Chalchites on lead seals of John III is very interesting. It has been suggested (Penna 1998a, p. 265) that this iconographic choice expressed John III's hope for the restoration of the exiled Byzantine empire.

¹¹⁵ John Comnenus-Ducas: billon trachy II/E (374-5); John III/Thessalonica: billon trachy G (455-6).

¹¹⁶ Theodore Comnenus-Ducas: billon trachy B (327).

Some of the above representations continued in the Palaeologan period. The representation of the bearded figure of Christ seated upon a throne (with or without back) became the standard obverse type of the basilicon, and persisted until the reign of John V.¹¹⁷ The appearance of Christ standing on a dais survived into the reign of Andronicus III,¹¹⁸ that of the bearded bust of Christ holding in his left hand the Gospel through to the stamena of Michael VIII,¹¹⁹ and that of the beardless bust of Christ holding in his left hand a scroll, but lacking the inscription *ΕΜΜΑΝΘΗΑ*, through to the stamena of Andronicus II.¹²⁰ However, after the introduction of the stavraton in the early 1370s what monopolizes the obverse of the stavraton and its fractions is the bust of the bearded Christ with his right hand in the sling of his cloak, and holding in his left the Gospel. Moreover, the Palaeologan period saw a novelty in the Byzantine presentation of Christ, who is ecstatically enveloped by an almond-shaped mandorla (a type of nimbus extending around the body of Christ) on a rare basilicon of John V-John VI,¹²¹ and on the copper follari of Manuel II¹²² and John VIII.¹²³

b) The Virgin

The Virgin is traditionally represented in a short-sleeved tunic and maphorion covering her head and falling to her ankles. On most examples the forehead and sleeves are decorated with four dots taking the shape of a cross (∴),¹²⁴ and not with stars, which were more popular in the Late Byzantine period especially on icons, and were considered to be a decorative development of the cross.¹²⁵ Most images emphasize her role in Christ's incarnation, and show her holding her young child, who is usually shown before her chest, stressing his independence of his human mother. When the Virgin is represented alone, without her child, she plays the role of the intercessor with her risen son.¹²⁶

Five different representations of the Virgin alone appear prior to 1261, involving a standing or seated figure, and more rarely a bust. The representation of the Virgin seated upon a throne (usually with a variously decorated back, and less frequently without a back) and holding to her breast the beardless and nimbate head of Christ¹²⁷ occurs on billon trachea struck by

the Latin rulers,¹²⁸ on a billon trachy of Theodore I,¹²⁹ on electrum and billon trachea of John III,¹³⁰ Theodore Comnenus-Ducas¹³¹ and Manuel Comnenus-Ducas,¹³² on billon trachea of John Comnenus-Ducas,¹³³ and on early hyperpyra and Magnesian silver trachea of Michael VIII.¹³⁴ On only a single type does the figure of the Virgin holding the beardless nimbate head of Christ appear standing.¹³⁵ Another type that appears on billon trachea of the Latin rulers in Constantinople,¹³⁶ of John III,¹³⁷ and of John Comnenus-Ducas¹³⁸ is that of the Virgin Orans. Less frequent is the type of the Virgin Hagiosoritissa,¹³⁹ showing the full-length figure of the Virgin Orans turned right (viewer's side) or just facing but accompanied with the inscription *Η ΑΓΙΟΚΩΡΗΘΗΑ*,¹⁴⁰ which appears on a billon trachy of the Latin Empire¹⁴¹ and on an electrum trachy of Theodore Comnenus-Ducas.¹⁴² The bust of the Virgin occurs on the obverse of only three coins, on a half-tetarteron struck by the Latin Empire,¹⁴³ and on two Thessalonican billon trachea of Manuel Comnenus-Ducas and John III.¹⁴⁴

The reign of Michael VIII set the pattern for the obverse type of the hyperpyron in the Palaeologan period; it displayed the Virgin in a novel design which became the norm for the obverse of the hyperpyron until the abandonment of the gold coinage in the middle of the fourteenth century. The new type, commemorating the recapture of Constantinople from the Franks in 1261, was that of the Virgin Orans within the walls of Constantinople symbolized by six towers.¹⁴⁵ In the reign of Andronicus II, the same type was retained, not only for hyperpyra,¹⁴⁶ but also for stamena.¹⁴⁷ In the same reign, probably around 1303,¹⁴⁸ there was a change within the type with the transition from six to four towers surrounding the figure of the Virgin.¹⁴⁹ This moderated type occurs last on hyperpyra of John V-John VI (848-9). Furthermore, the Constantinopolitan reign of Michael VIII produced on silver trachea and stamena the type of

¹¹⁷ *With back*: Andronicus II-Michael IX: Anonymous Religious basilica a/b (775/776-8), Thessalonican basilicon II (809); Andronicus III: basilica II-a/b (822-3/824), IV (826-7); *Without back*: Michael VIII: Constantinopolitan stamena XXII (554-6); Andronicus II-Michael IX: basilica IV (760), VII (762-6), VIII (767-73); John V-John VI: basilicon VI (851).

¹¹⁸ Basilicon (light series), II (825).

¹¹⁹ Michael VIII: Constantinopolitan stamena III (514-5), XIV (537-8).

¹²⁰ Andronicus II: Constantinopolitan stamena IV (646). The beardless bust of Christ covers the obverse of Andronicus II-Michael IX's assaria II (788), X (794).

¹²¹ Class II (850). On this basilicon the mandorla is broken by a geometrical figure that is considered to represent the summit of a mountain, and is thus linked with the scene of the Transfiguration.

¹²² Class I (1018-27).

¹²³ (1093-4).

¹²⁴ According to Galavaris (1966-67, p. 365), the appearance of the crosses on the forehead and shoulders could derive from the Christian practice of touching the forehead and shoulders while crossing themselves, declaring their faith in the Trinity.

¹²⁵ Galavaris 1966-67, p. 366.

¹²⁶ For a full account of the Virgin's representations on Byzantine coins and leads seals, see Penna 2000b, particularly pp. 211-2.

¹²⁷ When this type occurs on billon trachea, the detail of the beardless, nimbate head of Christ on the Virgin's chest is rarely visible, due to bad striking or wear.

¹²⁸ Large Constantinopolitan A (1-11), C (34), G (46-8), H (49-51); small A (12-25).

¹²⁹ First Coinage (138-60).

¹³⁰ Electrum: B (209), E (211), N (216), Thessalonican B (440-1); billon: G (233-6), W (270), Thessalonican F (453-4).

¹³¹ Electrum: C (323); billon: C (328).

¹³² Electrum: B (344); billon: B (345).

¹³³ III: C (381-3), O (411-3).

¹³⁴ Hyperpyra II-b/c (485/486-7); silver trachy II (479).

¹³⁵ John III: billon trachy C (224-5).

¹³⁶ Type N (56-60).

¹³⁷ Thessalonican H (457-9).

¹³⁸ Billon trachy III/U (421-3).

¹³⁹ For the type of the Virgin Hagiosoritissa on Byzantine coins, see also Bertelè (1958), who listed the Latin Imitative billon trachea S and T as anonymous Comnenian issues (figs. 3-4).

¹⁴⁰ In this case (Virgin Orans facing accompanied by the epithet *Η ΑΓΙΟΚΩΡΗΘΗΑ*), the image and the epithet can be considered independent, since the latter is not strictly descriptive of the former. See also Penna 2000b, p. 212.

¹⁴¹ Constantinopolitan large T (78-83).

¹⁴² Type B (321-2).

¹⁴³ Type A (128).

¹⁴⁴ C (352-5) and A (442-4) respectively.

¹⁴⁵ Michael VIII: hyperpyron III-a/b (488-93/494-504).

¹⁴⁶ Andronicus II: I-a/b (624-34/635-6); Andronicus II-Michael IX: II-a (740-53), TE (702-39).

¹⁴⁷ Constantinopolitan V (647).

¹⁴⁸ Grierson 1999, p. 134.

¹⁴⁹ Andronicus II-Michael IX: II-b (754-8); Andronicus II-Andronicus III: III (817-8).

the figure of the Virgin seated on an elaborately decorated throne.¹⁵⁰ This design became more varied in the joint reign of Andronicus II-Michael IX,¹⁵¹ because on the basilica the Virgin, now relegated to the reverse, is represented in the type of the *Οδηγήτρια* lifting the Child on her left arm, and gesturing towards him with her right hand. Christ sits erect and comfortable in her arms, holding a scroll in his left hand and blessing with his right.¹⁵² Finally, the copper coinage of the reigns of Michael VIII,¹⁵³ Michael VIII-Andronicus II,¹⁵⁴ Andronicus II,¹⁵⁵ Andronicus II-Michael IX¹⁵⁶ and of Andronicus II-Andronicus III¹⁵⁷ maintains throughout the Virgin Orans type in full-length, or three-quarter-length, or half-length form. Under Michael VIII a coin type (cast), which has in the past been attributed to the city of Cherson,¹⁵⁸ represents the Virgin Orans with a cross on her chest (611-2), while under Andronicus II-Michael IX on the obverse of a stamenon the Virgin Orans appears with the bust of Christ *ΕΜΜΑΝΘΗΛ* in a medallion before her chest, as in the type of the *Βλαχερνίτισσα/Βλαχερνιώτισσα*.¹⁵⁹

c) Saints

On the coins, the images of the saints, who embody the Christian virtues, almost rival those of the emperors. In the Ashmolean collection, the repertory of secondary holy personages on Byzantine coins of the period 1204-1261 consists of the saints Constantine, Demetrius, George, Helena, Michael, Nicholas, Paul, Peter, Theodore and Tryphon, and also of the cherubim. For the period 1261-1453 the list lacks St. Paul and St. Peter, but is enriched with St. Andronicus, and with the seraphim. The identification of the saints on the coins relies more on the accompanying inscriptions than on their general appearance, clothing and insignia, and when inscriptions are lacking or are illegible, the identification is uncertain. This is especially true in the cases of the saints Demetrius and George, who are both represented beardless wearing tunic, breastplate and sagion, and holding in the right hand a sword or a spear resting over their shoulder, and in the left a shield.¹⁶⁰ Generally speaking, saints can be classified into the following groups:

1	Beardless:	Andronicus, Demetrius, George, Michael, Tryphon
2	Bearded:	Constantine, John the Baptist, Nicholas, Paul, Peter, Theodore
3	Curly haired:	Andronicus, Demetrius, George, Tryphon
4a	Martyrs - civilian:	Andronicus, Tryphon
4b	Martyrs - military:	Demetrius
5	Military:	Demetrius, George, Theodore
6	Name saints:	Andronicus, Michael, Theodore
7	Winged:	Cherubim, Seraphim, Michael

¹⁵⁰ Silver trachy IV (505); Constantinopolitan stamena II (510-3), IV (518-9), XIII (535-6), XIX (548), XXIII (557-9).

¹⁵¹ Basilica VI (761), Anonymous Religious-a (775).

¹⁵² Anonymous Religious-b (776-8).

¹⁵³ Constantinopolitan stamena V (520-1), XV (539-40), XVI (541-2); Thessalonican stamenon I (579).

¹⁵⁴ Constantinopolitan stamenon III (618-20).

¹⁵⁵ Constantinopolitan stamenon XVII (655); Constantinopolitan tetartera I-a/b/d (662-3/664/665-6).

¹⁵⁶ Constantinopolitan stamena VIII (782), IX (783); Constantinopolitan assarion XI (795-7).

¹⁵⁷ Constantinopolitan stamenon XX (819-21).

¹⁵⁸ Ratto 1930, pl. 55, no. 2222.

¹⁵⁹ Constantinopolitan VII (781).

¹⁶⁰ ODB, p. 606: In monumental painting the images of St. Demetrius and St. George differ in the hairstyle: that of Demetrius is less full and rarely covers the ears. Of course this detail is very difficult to depict on the small surface of the coins.

ANDRONICUS

The half-length figure of Andronicus II's name saint is represented in the collection only once, on the obverse of Andronicus II-Michael IX's assarion,¹⁶¹ in the traditional type for a martyr holding with his right hand a cross in front of his chest.

CHERUBIM

The mid-thirteenth century provided a new coin type, the representation of the Cherubim, whose function, among others, was to receive the gift of light and to see and comprehend God.¹⁶² They take the form of composite creatures with four wings (each pair crossed), and with a human face in the centre. They figure on the obverses of a tetarteron of John III¹⁶³ and of a billon trachy of John Comnenus-Ducas.¹⁶⁴ On a Constantinopolitan stamenon of Michael VIII they appear armed with a spear.¹⁶⁵

CONSTANTINE (see HELENA)

DEMETRIUS

The coin representation of St. Demetrius, a soldier martyred under Maximian in Thessalonica and ever since the patron saint of the city, exceeds the depiction of all other saints, mainly on Thessalonican but also on Constantinopolitan products.¹⁶⁶ As a martyr holding a small cross before him the saint appears on the obverse of Thessalonican stamena of Michael VIII¹⁶⁷ and Andronicus II.¹⁶⁸ The standard type of St. Demetrius, that of the beardless and nimbate full- or half-length figure wearing tunic, breastplate and sagion, and holding in his right hand a spear resting over his shoulder and in his left a shield, features repeatedly on the obverse of a half-tetarteron of Theodore,¹⁶⁹ and of billon trachea of Manuel Comnenus-Ducas¹⁷⁰ and of John III.¹⁷¹ The Palaeologan emperors Michael VIII,¹⁷² Andronicus II,¹⁷³ Andronicus III¹⁷⁴ and John V¹⁷⁵ all maintained this same obverse type on their copper currency. Under Manuel II the type is slightly different, since on a copper tornese the saint holds with his right hand the spear transversely

¹⁶¹ Class XII (798).

¹⁶² ODB, p. 419.

¹⁶³ Type B (283).

¹⁶⁴ Type III/L, Var. A (401-5).

¹⁶⁵ Class XVII (543-5).

¹⁶⁶ For a discussion regarding the inclusion of issues with the representation of St. Demetrius in the output of the Constantinopolitan mint, see Penna 2000a, pp. 195-210.

¹⁶⁷ XIII (592-3), XIV (594).

¹⁶⁸ Class XXXVIII (693).

¹⁶⁹ Type C (341-3).

¹⁷⁰ Type A (346-50).

¹⁷¹ Magnesian K (241-2); Thessalonican J (460-1).

¹⁷² Constantinopolitan stamena VI (522-3), VII (524); Thessalonican XI (590), XVII (597).

¹⁷³ Thessalonican stamena II (667-9), VII (672), XXVII (678), XXXIV (687-8), XLIV (spear in left hand resting over left shoulder) (699-701).

¹⁷⁴ Thessalonican assaria II (834), VI (837-8).

¹⁷⁵ Thessalonican stamena I (887), III (892-3). It is worthy of note that lead seals of the family members of Alexius I Comnenus (1081-1118) represented the figure of St. George, which resembled very much the image of St. Demetrius on John V's Class III (see Penna 1998a, p. 271, figs. 20-1).

across his chest.¹⁷⁶ Moreover, on a billon trachy of Michael II, ruler of the Despotate of Epirus,¹⁷⁷ on Thessalonican stamena of Michael VIII,¹⁷⁸ of Michael VIII-Andronicus II¹⁷⁹ and of Andronicus II,¹⁸⁰ and on Thessalonican assaria of Andronicus III,¹⁸¹ St. Demetrius is represented holding in his right hand a sword or the hilt of a sword instead of a spear. On billon trachea of Theodore¹⁸² and John Comnenus-Ducas,¹⁸³ on Thessalonican billon trachea of John III,¹⁸⁴ on Thessalonican stamena of Michael VIII,¹⁸⁵ and on Thessalonican assaria of Andronicus III,¹⁸⁶ the saint is shown seated on a throne with a sheath or sword horizontally across his knees.¹⁸⁷ Of particular interest is the image of the soldier-saint on horseback, galloping to the right on the obverse of Thessalonican assaria of Andronicus III.¹⁸⁸ This type of the equestrian saint was soon introduced into the mint of Constantinople,¹⁸⁹ as seen on copper tornesi of Manuel II.¹⁹⁰ The reign of John V also produced two very interesting designs. One is the obverse type of a unique basilicon from the joint reign of John V-John VI (853) originally acquired and published by Bendall.¹⁹¹ Although it represents a conventional design, that of the full-length figure of the saint in his military persona holding a spear in his right hand and a shield in his left, it is unusual due to its fragile lines and very crude, primitive and flat style.¹⁹² The second new design, for the reverse of a Thessalonican assarion,¹⁹³ presents for the first time in the history of Byzantine numismatics a realistic narrative scene showing the martyrdom of St. Demetrius.¹⁹⁴ Three soldiers on the left thrust spears into the seated figure of the saint, who throws up his hands as he falls forward.¹⁹⁵

¹⁷⁶ Class III (1009).

¹⁷⁷ (471-3).

¹⁷⁸ Class IV (584-5).

¹⁷⁹ Class II (622-3).

¹⁸⁰ III (670), IV (671), XLIII (697-8).

¹⁸¹ Class V (836).

¹⁸² Type F (332-4).

¹⁸³ III/A (376-7), III/H (reverse) (393-4).

¹⁸⁴ Type D (448-9).

¹⁸⁵ II (580-1), III (582-3), XV (595).

¹⁸⁶ Class VII (839).

¹⁸⁷ Penna 2000a, p. 207: The type is probably inspired by the cult icon of St. Demetrius, which was inside the ciborium in the basilica of Thessalonica, as recorded by Bishop Staurakios.

¹⁸⁸ Class XIV (842).

¹⁸⁹ Penna 2000a, p. 204: According to the stories about the saint's miracles, the creation of this iconographical type goes back to the pre-iconoclastic period.

¹⁹⁰ Class IV (1012-7).

¹⁹¹ Bendall 1997a, pp. 154-5.

¹⁹² It is suggested by Bendall (1997a, p. 155) that due to its style the coin was an issue of a provincial mint in Thrace.

¹⁹³ John V/4e: IV (888-9). For this coin, it has been generally agreed between scholars to treat the religious side as the reverse.

¹⁹⁴ According to Moutsianos – Polychronaki (2000, pp. 227-8), the coin was indeed struck in the mint of Thessalonica, but in the period 1369-1387, when Manuel II, later the emperor of Constantinople, was despot in Thessalonica.

¹⁹⁵ For the first time the surface of a coin, even of a small denomination, here accommodates a narrative scene which was depicted on icons, frescoes, minor art, and manuscripts from the tenth to the sixteenth century (see Moutsianos – Polychronaki 2000, pp. 214-20).

GEORGE

The standard obverse type of St. George, presenting his full- or three-quarter- or half-length figure in short military tunic, breastplate and sagion, holding in his right hand a spear resting over his shoulder and in his left a shield resting on the ground is widely depicted throughout Late Byzantine coinage. It occurs on Magnesian¹⁹⁶ and Thessalonican billon trachea,¹⁹⁷ on Magnesian tetartera of John III,¹⁹⁸ on copper coins of Michael VIII¹⁹⁹ and of Andronicus II,²⁰⁰ and on a stamenon of John V.²⁰¹

HELENA

In the collection, St. Helena alone figures only on a Thessalonican half-tetarteron of the Latin Empire.²⁰² The saint appears on the obverse in full-length, and turned slightly to the right, holding in her left hand the patriarchal cross with a flourish on the shaft. The reverse type of the same coin presents the other half of St. Helena, St. Constantine, turned slightly to the left, holding in his right hand the patriarchal cross and in his left an *anexikakia*. Together with St. Constantine, Helena also occupies the reverse of Thessalonican billon trachy C (124) and of small module F (125-6) of the Latin Empire. They both appear in full-length holding between them the patriarchal cross on a long shaft and step. St. Helena holds in her right hand a jewelled sceptre, and St. Constantine in his left a sceptre cruciger. After this representation, there is a long gap until the figures of St. Helena and St. Constantine appear again, this time on the obverse of a copper tornese of Manuel II.²⁰³ They are both shown standing holding between them a long Slavic cross (a long cross with a lower diagonal crossbar).

JOHN THE BAPTIST

Prior to 1261 the standing figure of the visionary St. John the Baptist, long-bearded and wearing tunic and cloak, appears on the reverse of Constantinopolitan billon trachy U of the Latin Empire (84-8).²⁰⁴ In the right hand he holds the patriarchal cross on a long shaft, while he holds his left hand outstretched. The collection does not contain any Palaeologan coins representing his image, although two types are known. This rarity in the period 1261-1453 can be explained as St. John was considered to be the Crusaders' saint.

MICHAEL

On coins in the collection, St. Michael appears either as the archangel par excellence, or as a warrior. As an archangel he is winged, wearing *divitision* and *loros*, and holding typically in his right hand a jewelled sceptre, usually trifurcate, or a spear, and rarely the patriarchal cross or *labarum* on a shaft, and in his left a *globus*, occasionally cruciger. He appears on billon trachea of Demetrius Comnenus-Ducas²⁰⁵ and of Michael II, ruler of the Despotate of

¹⁹⁶ John III: O (249-51), T (259-60).

¹⁹⁷ John III: I (1126).

¹⁹⁸ Type C (284-90).

¹⁹⁹ Constantinopolitan VIII (525-6), XXIV (560-1); Thessalonican XII (591).

²⁰⁰ Constantinopolitan XIV (651-2), XXI (656).

²⁰¹ (867).

²⁰² Type B (129).

²⁰³ Class II (1007-8).

²⁰⁴ See also Jordanov 1979.

²⁰⁵ Reverse (436-9).

Epirus;²⁰⁶ on stamena of Michael VIII;²⁰⁷ on a stamenon of Andronicus II;²⁰⁸ and on stamena and assaria of Andronicus II-Michael IX.²⁰⁹ As a warrior, he is still represented winged, but is normally wearing a short military tunic, breastplate and sagion, and is holding against his right shoulder a sword or a spear and in his left hand a shield or sheath.²¹⁰ He figures on billon trachea of John III,²¹¹ Manuel Comnenus-Ducas²¹² and John Comnenus-Ducas;²¹³ on Constantinopolitan stamena of Michael VIII;²¹⁴ on a stamenon of Andronicus II-Michael IX;²¹⁵ and on an assarion of Andronicus III.²¹⁶

NICHOLAS

St. Nicholas, the patron saint of seamen and children, appears always in episcopal vestments (phelonion and omophorion) with a balding head and a trim, round beard. The half-length figure of St. Nicholas Orans is represented in the Ashmolean collection on a Constantinopolitan billon trachy of the Latin Empire.²¹⁷ The figure of St. Nicholas is later introduced on Constantinopolitan stamena of Michael VIII,²¹⁸ Michael VIII-Andronicus II²¹⁹ and Andronicus II-Michael IX²²⁰ in the stereotyped design of raising his right hand in benediction in front of his body and holding the Gospel in his left.

PETER

The full-length figure of St. Peter, the *κορυφαίος* of the Apostles, appears on an obverse only once, on Constantinopolitan billon trachy S of the Latin Empire.²²¹ He is holding in his right hand a sceptre cruciger and in his left two keys. In one unusual case, Constantinopolitan billon trachy T of the Latin Empire bears on the obverse the figure of the Virgin Hagiosoritissa, while the reverse is devoted to the full-length figures of St. Peter with a short beard and St. Paul with a long beard embracing each other.²²²

SERAPHIM

The Seraphim, with four or six wings²²³ (either two upper and two lower or two upper and four lower) and a tiny human face appear only on Palaeologan coins. They feature unarmed,

²⁰⁶ Type B (470).

²⁰⁷ Constantinopolitan IX (527-8), X (529-30), XX (549-51).

²⁰⁸ Constantinopolitan (1282-1294) VIII (648).

²⁰⁹ Constantinopolitan stamenon XI (784); assarion IX (793).

²¹⁰ On Constantinopolitan large Latin Imitations J (52-5), Michael, although in military tunic, is holding a jewelled sceptre in his right hand and a globus cruciger in his left.

²¹¹ Magnesian A (219-23).

²¹² D (356-8), G (364-7).

²¹³ III/K, Var. A (398-400).

²¹⁴ XXV (562-3), XXVI (564-5); Thessalonican V (586-7).

²¹⁵ Constantinopolitan XIV (787).

²¹⁶ Thessalonican I (833).

²¹⁷ Type U (84-8).

²¹⁸ Class XXVII (566).

²¹⁹ Class I (613-7).

²²⁰ Class XII (785-6).

²²¹ (74-7).

²²² Type T (78-83).

²²³ Grierson 1999, p. 80: With two wings they covered their faces, with two their feet, and with two they flew.

unlike the cherubim, and appear on a silver trachy and a stamenon of Michael VIII²²⁴ and of Andronicus II,²²⁵ and on an assarion of Andronicus II-Michael IX.²²⁶ Occasionally Bs or pellets are added as part of the design.

THEODORE

The Ashmolean collection includes billon trachea of the Empires of Nicaea and Thessalonica presenting two obverse types with St. Theodore. On the former the saint appears holding in his right hand a spear over his right shoulder and in his left a shield.²²⁷ On the latter he is holding a sword instead of a spear;²²⁸ this type is retained on the obverse of a Constantinopolitan stamenon of Andronicus II.²²⁹ Additionally, the collection accommodates a stamenon of Michael VIII with the obverse design of the saint holding in his right hand a spear resting over his left shoulder and in his left a shield.²³⁰ On this basis, and following the distinction according to which St. Theodore Tyron (the Recruit) is represented with a spear held transversely across his left shoulder, while St. Theodore Stratelates (the General) has a sword resting against his right shoulder,²³¹ I am inclined to identify St. Theodore Stratelates on the latter type of the billon trachea of the Empires of Nicaea and Thessalonica, St. Theodore Tyron on the stamenon of Michael VIII, and to call attention to the existence of a third type that presents the saint holding the spear straight over his right shoulder, and not transversely over his left.²³²

TRYPHON

St. Tryphon was the patron saint of Nicaea. His symbol was a lily believed to burst annually into blossom near the saint's relics.²³³ That is why the figure of St. Tryphon together with his lily appears on coins of the Nicaean period. The saint is shown twice on electrum and billon trachea of Theodore II²³⁴ and once on a Magnesian stamenon of Michael VIII.²³⁵ He is represented on the obverse bareheaded in tunic and kolobion and holding a cross before him, while the lily is placed on the left and right of the saint in the field. The same type appears in the Palaeologan period, on a Constantinopolitan stamenon of Andronicus II.²³⁶

²²⁴ X (507) and XXIX (569-71) respectively.

²²⁵ Class XXV (657-9).

²²⁶ Class III (789).

²²⁷ Theodore I: G (195-6); Theodore II: C (307-8); John Comnenus-Ducas: I/B (368-71), III/B (378-80).

²²⁸ John III: P (252-3); John Comnenus-Ducas III/D, Var. A (384-6).

²²⁹ Class XI (649-50).

²³⁰ Constantinopolitan XI (531).

²³¹ Grierson 1999, p. 81. The distinction between the two saints with the name Theodore is first attested around the end of the ninth century (see Parani 2003, p. 149, n. 242).

²³² ODB, pp. 2047, 2049: In monumental art the two saints are distinguished by their beards (Theodore Stratelates: forked (two-part), Theodore Tyron: pointed). This criterion is difficult to apply here, due to the generally clumsy craftsmanship of the relevant coins, and their small scale (385). However, on specimens 252-3 depicting St. Theodore Stratelates the forked beard can be clearly seen.

²³³ Grierson 1999, p. 81.

²³⁴ II (302) and B (306) respectively.

²³⁵ Type A (481-2).

²³⁶ Class III (644-5).

ii. Imperial types

The traditional Byzantine imperial image represents the emperor as both a political and religious figure, a supreme archon with a religious mission.

Imperial representations of the period 1204-early 1370s are characterized by rich variety. The emperor appears either alone, or in conjunction with another figure exercising imperial power, or accompanied by Christ, the Virgin or a saint, indicating that he shared with them proximity to God. The emperor may be depicted bearded or beardless,²³⁷ and can be holding one or two items of regalia.

In contrast, from the early 1370s (with the introduction of the stavraton) until the end of the Byzantine Empire, the dominant imperial type is a facing bust revived from the eleventh century. The portraiture is non-realistic and monotonous. Additionally, the diadem and pendilia of the emperor are replaced by a domed crown. However, bridging the two above periods there are a few coins representing the emperor either standing or on horseback.

a) Emperor alone

When alone, the emperor is represented either standing, or seated, or winged, or on horseback.

The emperor standing is one of the standard types to appear on the Constantinopolitan billon trachea²³⁸ and on the Thessalonican billon trachea²³⁹ and half-tetartera²⁴⁰ of the Latin Empire; on electrum²⁴¹ and billon trachea²⁴² and tetartera²⁴³ of the Empire of Nicaea; on billon trachea²⁴⁴ and half-tetartera²⁴⁵ of the Empire of Thessalonica; on silver trachea;²⁴⁶ on Constantinopolitan,²⁴⁷ Thessalonican²⁴⁸ and Philadelphian²⁴⁹ stamena; and on tetartera,²⁵⁰ assaria,²⁵¹ politika²⁵² and follari²⁵³ of the Palaeologan Dynasty. In most types the emperor is represented holding in his right hand a labarum on a long shaft or a labarum-headed sceptre or a sceptre cruciger and in his left an anexikakia or a globus cruciger. However, there are also types presenting the emperor in civil

²³⁷ John Comnenus-Ducas, Andronicus II, Michael IX.

²³⁸ A (large and small) (1-11, 12-25), B (large and small) (26-31, 32-3), D (35-9), E (40-3), J (large and small) (52-4, 55), O (large and small) (61-5, 66), W (94-102).

²³⁹ A (107-13) and small D (114-7), B (118-23).

²⁴⁰ Type C (130-1).

²⁴¹ John III: G (212), M (214-5), N (216); Theodore II: II (302).

²⁴² Theodore I: Nicaean Second Coinage (161-85), Magnesians F (193-4), G (195-6); John III: F (231-2), G (233-6), H (237-9), J (240), O (249-51), P (252-3), R (254-6), S (257-8), U (261-2), W (268-72), Z (275); Theodore II: B (306), C (307-8).

²⁴³ John III: A (281-2), B (283), C (284-90), D (291-2), E (293), F (294-5), G (296-7); Theodore II: A (309-10).

²⁴⁴ Theodore Comnenus-Ducas: G (large and small) (335-6, 337); John Comnenus-Ducas: II/E (374-5), III/C (381-3), III/J (397), III/O (411-3), III/P (414-6), III/Q (417), III/R (418-9), III/W (428-9); John III: A (442-4), D (448-9), E (450-2), J (460-1), K (463), L (464-5), M (466).

²⁴⁵ Theodore Comnenus-Ducas: C (341-3).

²⁴⁶ Michael VIII: X (507).

²⁴⁷ Michael VIII: XXI-XXX (552-73); Andronicus II: XVI (653-4), XVII (655), XXI (656), XXV (657-9), XXVIII (660), and (661).

²⁴⁸ Michael VIII: XIII-XVII (592-7), XX (598-600), XXII (601); Andronicus II: VII (672), XI (673-4), XV (675), XVII (676), XXVI-XXX (677-82), XXXII-XXXV (683-91), XXXVII (692).

²⁴⁹ Michael VIII: Var. a (607-8), Var. b (609-10).

²⁵⁰ Andronicus II: I-a/b/d (662-3/664/665-6).

²⁵¹ Andronicus III: Constantinopolitan III (828-30), IV (831), Thessalonican VI (837-8), VII (839), X (840-1).

²⁵² John V/4b: XVI (866).

²⁵³ Manuel II: I (1018-27); John VIII (1093-4).

or military costume holding a sword either in right²⁵⁴ or left hand²⁵⁵ or in both.²⁵⁶ When standing on a dais,²⁵⁷ the imperial figure is represented holding in his right hand a labarum on a long shaft or a labarum-headed sceptre and in his left a sword pointing downward.²⁵⁸ In the material in Oxford, both Michael VIII and Andronicus II are represented standing alone in a series of types of their Constantinopolitan²⁵⁹ and Thessalonican stamena.²⁶⁰ However, it is significant that the type of the emperor standing under a portico or an arch,²⁶¹ as well as the type with the emperor holding in his hand/s a haloed cross,²⁶² appear only on Thessalonican products.

The type of a seated emperor on a throne with or without a back appears on billon trachea of the Latin Empire²⁶³ and the Empire of Thessalonica,²⁶⁴ on electrum²⁶⁵ and billon trachea²⁶⁶ and tetartera²⁶⁷ of the Empire of Nicaea; on Constantinopolitan²⁶⁸ and Thessalonican stamena of Michael VIII²⁶⁹ and of Andronicus II;²⁷⁰ and on a Thessalonican assarion of Andronicus III.²⁷¹ The emperor holds in his right hand a labarum-headed sceptre or a sceptre cruciger, and rarely a patriarchal cross or a globus surmounted by a patriarchal cross, and in his left an anexikakia, or a globus cruciger, and less often a sceptre. The seated figure of the emperor is always alone, except for a single instance, where Manuel Comnenus-Ducas and St. Demetrius are seated together on a backless throne holding between them the model of the walled city of Thessalonica.²⁷² Moreover, John III and Michael VIII, both in civil costume, are represented holding a sword, the former in his right hand holding the sheath horizontally across his knees²⁷³ and the latter holding the sword itself across his knees.²⁷⁴

The type of a winged emperor ('empereur ailé'), originally spotted by Bertelè,²⁷⁵ appears almost exclusively on coins produced in the mint of Thessalonica after 1204. In the Ashmolean, five specimens present the emperor with two symmetrical wings: three billon trachea of John

²⁵⁴ Constantinopolitan large and small Latin Imitations B (26-33) and J (52-5); John III: Magnesians billon trachy W (268-72); John Comnenus-Ducas: billon trachy III/Q (417); Michael VIII: silver trachy X (507).

²⁵⁵ John III: electrum trachy N (216), billon trachy H (237-9); tetarteron A (281-2).

²⁵⁶ Michael VIII: Constantinopolitan stamenon XXIII (557-9).

²⁵⁷ According to Parani (2003, p. 171), the representation of the emperor on a dais is purely iconographic, for it literally elevates the ruler's status.

²⁵⁸ John III: Magnesians electrum trachy N (216), billon trachy H (237-9).

²⁵⁹ Michael VIII: XXI-XXX (552-73); Andronicus II: XVI (653-4), XVII (655), XXI (656), XXV (657-9), XXVIII (660), and (661).

²⁶⁰ Michael VIII: XIII-XVII (592-7), XX (598-600), XXII (601); Andronicus II: XI (673-4), XV (675), XVII (676), XXVI-XXX (677-82), XXXII-XXXV (683-91).

²⁶¹ John Comnenus-Ducas: billon trachy III/W (428-9); Andronicus II: Thessalonican stamenon XI (673-4).

²⁶² Andronicus II: Thessalonican stamena XXX (682), XXXII (683-5); John V/4e: Thessalonican stamenon I (887).

²⁶³ Large Constantinopolitan Latin Imitations C (34), V (89-93).

²⁶⁴ John Comnenus-Ducas: III/I (395-6); John III: B (445-7).

²⁶⁵ John III: Q (217-8).

²⁶⁶ John III: K (241-2), T (259-60).

²⁶⁷ Anonymous ruler: A (311-2).

²⁶⁸ XIV-XX (537-51).

²⁶⁹ XI (590), XII (591), Uncertain (602).

²⁷⁰ Constantinopolitan XIV (651-2); Thessalonican III (670).

²⁷¹ Class V (836).

²⁷² Manuel Comnenus-Ducas: billon trachy G (large and small) (364, 365-7).

²⁷³ Billon trachy T (259-60).

²⁷⁴ Constantinopolitan stamenon XVI (541-2).

²⁷⁵ Bertelè 1951.

Comnenus-Ducas,²⁷⁶ a stamenon of Michael VIII,²⁷⁷ and again a stamenon of Andronicus II.²⁷⁸ The latter coin has an added interest, because it depicts the half-length figure of the winged emperor above city walls, holding in his right hand a sword resting over his shoulder and in his left an *anexikakia*. Recent research has maintained the view²⁷⁹ that this type of the winged emperor was inspired by German iconographic themes of the twelfth and thirteenth centuries.²⁸⁰ On this interpretation, the involvement of the mint of Thessalonica has been explained by Thessalonica's geographical location between south Germany, the regions of the Danube, and the Byzantine Empire.²⁸¹ At all events, this image also reflects the strong Byzantine tradition linking the emperor with the divine,²⁸² which resulted in the merging of the emperor and the angelic protector into one, an image emphasized by the wings.²⁸³ The discovery in Didymoteicho of a fresco representing an enthroned winged emperor, John VI Cantacuzenus,²⁸⁴ indicates the assimilation of this iconographic type into other forms of art, but, unfortunately, this does not reveal the design's origins.

The type of the emperor riding alone to the right appears on Thessalonican copper denominations of the fourteenth century, namely on an assarion of Andronicus III²⁸⁵ and on a copper tornese of Manuel II.²⁸⁶ The figure of the emperor holding in his right hand a sceptre is represented facing the viewer instead of being shown in profile, which was typical on Western coins and seals.²⁸⁷ It has been suggested that the Byzantine design was modelled on the aspers of Alexius II of Trebizond (1297-1330).²⁸⁸

b) Emperor accompanied

There are a variety of iconographic types presenting the emperor in conjunction with one other figure, religious or secular. On some coins, the emperor is represented being crowned either by a primary or secondary holy personage, such as Christ,²⁸⁹ the Virgin,²⁹⁰ St. Constantine,²⁹¹ St.

Demetrius,²⁹² St. Michael,²⁹³ or a bishop-saint (probably St. Nicholas),²⁹⁴ or by another imperial figure, as in the case of Andronicus II being crowned by Michael VIII,²⁹⁵ or of Michael IX being crowned by Andronicus II.²⁹⁶ When being crowned, the emperor is represented holding in his right hand usually a sceptre cruciger, and occasionally a labarum or sword or *anexikakia*, and in his left an *anexikakia*, and sometimes a *globus cruciger*.

In other cases, the emperor is depicted holding jointly with a heavenly personage or a co-ruler a real (sceptre cruciger, *globus cruciger*, *anexikakia*, labarum, sword) or a notional (large lily, cross) object. Most often, pre-1261 emperors are represented together with the Virgin,²⁹⁷ holding between them almost always a patriarchal cross on a long shaft, sometimes ending in a globe.²⁹⁸ Additionally, there is a proliferation of holy figures accompanying the emperor. The repertory includes St. Constantine,²⁹⁹ St. Demetrius,³⁰⁰ St. George,³⁰¹ St. Michael,³⁰² St. Theodore³⁰³ and St. Tryphon.³⁰⁴ It is interesting that the figure of St. Demetrius, as also mentioned above, is present on both Thessalonican and Constantinopolitan issues, and that St. Tryphon is represented exclusively together with Nicaean emperors, such as John III and Theodore II, holding jointly a lily either at the head or at the base of a shaft. Noteworthy, also, is the rich variety of insignia

²⁷⁶ Type III/U (421-3).

²⁷⁷ Class XIV (594).

²⁷⁸ Class IV (671).

²⁷⁹ Morrisson 1995, p. 193.

²⁸⁰ Grierson 1999, p. 68: Similar winged figures are present frequently on late twelfth- and thirteenth-century coins in some parts of Germany, namely in Silesia and Brandenburg in the north, and Swabia and Bavaria in the south.

²⁸¹ Morrisson 1995, p. 193.

²⁸² A view also shared by Penna (2002, p. 136) and Morrisson (1995, p. 194).

²⁸³ Thus, either the emperor is depicted with wings, or the archangel with imperial raiment.

²⁸⁴ Penna 2002, pp. 193-4.

²⁸⁵ Class XIV (842).

²⁸⁶ (1028).

²⁸⁷ Grierson 1999, p. 69.

²⁸⁸ Grierson 1999, p. 70.

²⁸⁹ Constantinopolitan large Latin Imitation H (49-51); Theodore Comnenus-Ducas: electrum trachy C (323); Manuel Comnenus-Ducas: billon trachy A (346-50); John III: Magnesian electrum trachy B (emperor crowned by Christ Chalchites) (209), Magnesian billon trachea A (219-23), C (224-5); Michael II: Arta, billon trachy (471-3); Michael VIII: Constantinopolitan stamena III bis (516-7), XI (531), and Thessalonican stamenon II (580-1); Andronicus II: Constantinopolitan stamena V (647), VIII (648); Andronicus III: Thessalonican assarion I (833). For thirteenth-century issues depicting the emperor being crowned by Christ, see Touratsoglou – Protonotarios 1977.

²⁹⁰ Constantinopolitan large Latin Imitation F (44-5); John III: hyperpyra Transitional Coinage (B) (201), Second Coinage (202-8); Theodore II: hyperpyra Var. I (298-9), Var. II (300), and billon trachy A (304-5); Michael II: Arta, billon trachy B (470); Michael VIII: Magnesian stamenon A (481-2), Constantinopolitan stamenon VI (522-3); Andronicus II: Thessalonican stamenon XXXVIII (693).

²⁹¹ Manuel Comnenus-Ducas: billon trachy E (359-60).

²⁹² Theodore Comnenus-Ducas: billon trachy B (327); John Comnenus-Ducas: billon trachea I/III: B (368-71/378-80).

²⁹³ Michael VIII: Thessalonican stamenon III (582-3); Andronicus III: Thessalonican assarion II (834).

²⁹⁴ John Comnenus-Ducas: billon trachy III/E (387-9).

²⁹⁵ Thessalonican stamenon II (622-3).

²⁹⁶ Thessalonican stamenon XIX (810).

²⁹⁷ John III: hyperpyra First Coinage (197), and Transitional Coinage (A) (198-200), and billon trachy D (226-7); Theodore Comnenus-Ducas: billon trachy F (332-4); John Comnenus-Ducas: billon trachy III/A (376-7); Michael VIII: Thessalonican stamenon VII (588).

²⁹⁸ On the billon trachea of John Comnenus-Ducas (376-7) the two figures are holding between them a cross-within-circle surmounting a triangular decoration on a long shaft.

²⁹⁹ John III: Magnesian electrum trachy E (211), billon trachea E (228-30), M (243-6); Manuel Comnenus-Ducas: billon trachy D (356-8), where the emperor holds in his right hand a palm-frond (see also Bertelé 1972, pp. 170, 177, figs. 3-4); Michael VIII: Constantinopolitan stamenon VIII (525-6).

³⁰⁰ Theodore Comnenus-Ducas: electrum trachea A (320), B (321-2), billon trachy A (324-6), and tetarteron Var. B (338-40); Manuel Comnenus-Ducas: billon trachea C (352-5), F (361-3); John Comnenus-Ducas: billon trachea II/B (372), III/D, Var. A (384-6), III/G (390-2), III/K, Var. A (398-400), III/L, Var. A/B (401-5/406), III/M (407), III/N (408-10), III/X (430-2); John III: Thessalonican electrum trachy B (440-1), and Thessalonican billon trachea F (453-4), G (455-6), H (457-9); Theodore II: Magnesian electrum trachy I (301), and Thessalonican billon trachy (467-8); Michael VIII: Constantinopolitan stamenon IX (527-8), Thessalonican stamena V (586-7), VIII (589); Andronicus II: Thessalonican stamena XL (694), XLI (695-6); Andronicus III: basilica heavy and light II (822-4/825), IV (826-7), Thessalonican assarion XVIII (843-4); John V/4b: politika II (854-6), IV (857), V (858); John V/5: copper tornese (891).

³⁰¹ Constantinopolitan large Latin Imitation N (56-60); Michael VIII: Constantinopolitan stamena V (520-1), X (529-30), XII (532-4).

³⁰² Theodore Comnenus-Ducas: billon trachy D (329-31); Manuel Comnenus-Ducas: electrum trachy B (344), and billon trachy B (345); Michael VIII: Magnesian silver trachy II (479), Constantinopolitan stamena III (514-5), IV (518-9), VII (524), Thessalonican stamenon IV (584-5); Andronicus II: Constantinopolitan stamenon XI (649-50).

³⁰³ Small Latin Imitation G (127); Theodore I: Nicaean electrum trachea B (132-6), C (137), billon trachea First Coinage (138-60), C (186-7), Magnesian electrum and billon trachy D (188, 189-92); John III: Magnesian electrum trachea D (210), J (213), billon trachea N (247-8), A² (276-7); Theodore Comnenus-Ducas: billon trachy C (328); Michael VIII: Constantinopolitan stamenon XIII (535-6).

³⁰⁴ John III: Magnesian billon trachy V (263-7); Theodore II: Magnesian electrum trachy III (303).

held between the figures, a variety ranging between shafts - sometimes ending in steps, a globe, a lily, or a kite-shaped shield, and surmounted by a labarum, lily, patriarchal cross, patriarchal cross-crosslet, a cross within a circle on triangular decoration, the letter B, or a star - castles and swords.

Another type, totally diffused by divine symbolism, presents Christ placing protectively his outstretched right hand above the head of the emperor, who, although shown in profile crouching in *προσκύνηση*, is turning his head to the spectator.³⁰⁵ This type, common on Andronicus II's hyperpyra³⁰⁶ and appearing also on a stamenon of the same ruler,³⁰⁷ takes an added interest, because it is the only type showing an emperor in *προσκύνηση*. According to Spatharakis, this imperial act of humility and piety depicted on an important coin can be interpreted not only as an expression of obedience to the Holy, but also as a request for support and aid from Above in difficult times.³⁰⁸ It is significant that the earlier hyperpyra of the same type depict Andronicus II with a nimbus around his head, as an indicator of the source of his power and of his religious mission interceding between earthly and heavenly personages. The custom of showing the emperor nimbate then ceased, but revived again in the third quarter of the fourteenth century, when it started appearing, for instance, on John V's assarion with the martyrdom of St. Demetrius,³⁰⁹ on a copper tornese of Andronicus IV showing the emperor and St. Demetrius (both nimbate)³¹⁰ riding together, on a stamenon of John V showing a saint saluting the nimbate emperor³¹¹ and on early stavrata³¹² and half-stavrata³¹³ again of John V. The type showing the bust of the emperor nimbate became the norm on the reverse of the stavrata and their fractions of Manuel II,³¹⁴ John VII,³¹⁵ John VIII³¹⁶ and Constantine XI.³¹⁷

When the emperor is shown with a co-emperor, an image usually intended to guarantee imperial succession, as in the case of Michael VIII-Andronicus II³¹⁸ and Andronicus II-Michael IX,³¹⁹ the senior personage is placed on the spectator's left. Correspondingly, when the figures hold an object between them, the hand of the senior figure is placed above that of the accompanying figure. However, there are instances when the senior figure is placed on the

spectator's right, intentionally giving the place of honour to the junior figure in a gesture of introducing the heir of the throne to the public.³²⁰

A feature of the Palaeologan coins is the representation of three figures on their surface. This practice occurs on the coinage of Michael VIII, Michael VIII-Andronicus II, Andronicus II, Andronicus II-Michael IX, Andronicus II-Andronicus III and John V-John VI. According to the same dictates of protocol as above, the higher-ranking figure is placed on the spectator's left. The thematic repertory of these coins revolves again around the religious mission of the emperor/s, and his/their divine support. Thus, St. Michael is presenting the kneeling emperor (Michael VIII) to Christ,³²¹ the Virgin is presenting the emperor crouching in *προσκύνηση* to Christ (Andronicus II),³²² Christ, in bust or full-length, is blessing two kneeling emperors (Michael VIII-Andronicus II,³²³ Andronicus II-Michael IX,³²⁴ Andronicus II-Andronicus III,³²⁵ John V-John VI³²⁶), and St. Michael, in bust, is blessing two standing emperors (Michael VIII-Andronicus II).³²⁷

c) Anna of Savoy

The only empress represented on Byzantine coins of the period 1204-1453 is Anna of Savoy³²⁸ - wife of Andronicus III, and mother of John V - who spent the last fifteen years of her life in Thessalonica (1351-1365) acting autonomously as an empress entitled *Αυγούστα* and *Αυτοκρατορίσσα*.³²⁹ Anna appears, together with John V, in the place of honour - on the left - on the obverse of a hyperpyron, whose reverse shows John V's deceased father, Andronicus III, kneeling before Christ,³³⁰ as well as on the reverse of a basilicon showing on the obverse Christ on his throne.³³¹ Moreover, as is now clear from the Pella³³² and Serres hoards,³³³ it is Anna being represented, alone, on the reverse of several Thessalonican assaria.³³⁴ When depicted together with her son on the Constantinopolitan hyperpyra and basilica, she is holding in her right hand a trilobite sceptre, is lifting her left hand before her in prayer, and is accompanied with the inscription ANNA. When represented alone on the Thessalonican assaria, she is holding in her

³⁰⁵ Spatharakis 1974, p. 191: In the Byzantine Empire, *προσκύνηση* gradually became an indispensable part of court ceremony. The basileus was almost always adored in this way.

³⁰⁶ Constantinopolitan I-a (624-34), and I-b (635-6). Protonotarios in his article (1974a) explains the attribution of the *προσκύνηση* type to the first sole reign of Andronicus II (1282-1294).

³⁰⁷ Constantinopolitan V (647).

³⁰⁸ Spatharakis 1974, p. 203.

³⁰⁹ John V/4e: Thessalonican assarion IV (888-9).

³¹⁰ John V/5 (891).

³¹¹ John V/5: Thessalonican stamenon III (892-3).

³¹² 894-900.

³¹³ Class I (901).

³¹⁴ Stavraton, I (heavy) (903-4), II (light) (905-16); half-stavraton (basileus) (917-68), (pistos) (969-87); eighth-stavraton, II (988-1003); but also on copper tornesi I (1004-6), II (1007-8), III (1009-11), IV (1012-7).

³¹⁵ Half-stavraton (1029-37).

³¹⁶ Stavraton (1051-65), half-stavraton (1066-80), eighth-stavraton (1092).

³¹⁷ Stavraton (1095).

³¹⁸ Constantinopolitan stamenon III (618-20).

³¹⁹ Constantinopolitan basilica IV (760), VI-IX (761-74); Constantinopolitan tornese IX (779); Constantinopolitan stamena V (780), VII-IX (781-83), XII (785-6); Constantinopolitan assaria II (788), III (789), V (790-1), X-XIII (794-800), XVI (801), XVIII (802), XXII (804-5), XXIII (806), XXV (807-8); Thessalonican stamena XXIII (812-3), XXV (815).

³²⁰ Michael VIII-Andronicus II: Constantinopolitan stamenon I (613-7), Thessalonican stamena I (621), II (622-3); Andronicus II-Michael IX: hyperpyron TE/II-a (702-39), Thessalonican basilicon II (809), Thessalonican stamena XIX (810), XXII (811); Andronicus II-Andronicus III: Constantinopolitan stamenon XX (819-21); John V-John VI: hyperpyra (848-9).

³²¹ Magnesian-Constantinopolitan hyperpyra II-b (485), II-c (486-7); Constantinopolitan hyperpyra III-a (488-93), III-b (494-504), Thessalonican hyperpyra III-a (574-7), III-b (578), Philadelphian III-b (603-6); Constantinopolitan silver trachy IV (505), Constantinopolitan stamena I (508-9), II (510-3).

³²² Constantinopolitan stamenon III (644-5).

³²³ Constantinopolitan stamenon I (613-7).

³²⁴ Constantinopolitan hyperpyra TE II-a (702-39), II-a (740-53), II-b (754-8), basilicon I (759), assarion IX (793).

³²⁵ Constantinopolitan hyperpyron III (817-8).

³²⁶ John V/2: Constantinopolitan hyperpyron (848-9).

³²⁷ Thessalonican stamenon I (621).

³²⁸ For a list of coins of John V and Anna, see Vegler - Millas 1970, pp. 486-8, nos. 1, 6, 8.

³²⁹ Protonotarios 1989, p. 70: Two written sources in the form of inscriptions referring to *Άννα Παλαιολογίνα* survive: the former dated to 1355 is engraved on the gate of the acropolis, and the latter is related to a donation of 1360 to the monastery of St. Anargyroi in Thessalonica.

³³⁰ John V/1: Constantinopolitan hyperpyron Var. 2 (845).

³³¹ John V/1: Constantinopolitan basilicon IV-a (heavy series) (847).

³³² Bendall - Nicol 1977.

³³³ Protonotarios 1989.

³³⁴ John V/4c: Thessalonican assaria II (868), III (869).

right hand the model of the city of Thessalonica and in her left a sceptre, and she is accompanied with the letter A in rectangular form on each side of the field. On both the hyperpyron and the basilicon she appears wearing an open, wide and flat crown with pendilia. In contrast, on the Thessalonican assaria she is wearing an open but tall cylindrical shaped crown with sides that flare out and pinnacles along the upper rim.³³⁵

iii. Other types

a) B or Bs

Byzantine types of the period 1204-1453 often exhibit either the single letter B or a group of two and sometimes of four Bs, which constitute primary or secondary elements of the design. As a main type, this theme prevails on a series of anonymous Magnesian tetartera. In the first version, the letter B is reversed, and decorated with pellets.³³⁶ In the second version, two Bs are placed back to back - probably for aesthetic purposes - and are accompanied again with pellets.³³⁷ As a subordinate element of the design,³³⁸ the B or Bs are linked either: a) with a cross, being placed in its quarters facing the circumference,³³⁹ or in its lower angles facing the centre,³⁴⁰ or forming the top of its shaft (in this particular case the cross is inverted),³⁴¹ or b) with religious and secular personages, as in the case of St. Demetrius handing to the emperor the letter B on a long shaft,³⁴² or of Andronicus III being flanked by two Bs.³⁴³ Earlier studies have debated the question of the meaning of these iconographical devices.³⁴⁴ It is certainly the case that the use of the letter B was semantically significant, for it symbolized the Byzantine Empire and its authority - βασιλεύς - and was understood as such by the public.

b) Buildings

Late Byzantine coinage acquires special importance because it provides an interesting display of works of architecture engraved on the coins' surface. In the Ashmolean collection, architectural designs as main types include: a) a gabled central section surmounted with one or three towers,

³³⁵ See also Parani 2003, p. 30, pl. 32e. This observation contradicts Emmanuel (1993-94, p. 114), and indicates that on coins as well as on other art forms an empress is represented wearing the type of the typical crown being prevalent in her day. Anna is represented wearing the same type of crown in the fourteenth-century miniature of f. 4 in the Cod. Hist. F. 601 in the Landesbibliothek, Stuttgart, and in a painting in the Barberini Gallery of Rome (Lambros 1930). In both examples, the crown rests on a veil or net which covered the hair and the upper part of the shoulders. According to Emmanuel (1993-94, p. 117), in Byzantine art this garment appears more often from the beginning of the fourteenth century, particularly in the monuments of northern Greece and Serbia. Here we see the creation of a fashion respected and shared at the same time across different forms of art (see Georganteli 2001, p. 81, n. 51).

³³⁶ Anonymous Magnesian tetarteron A/obverse (311-2).

³³⁷ Anonymous Magnesian tetartera E and F/reverse (316-7).

³³⁸ The role of the letter B as a siglon is not examined here.

³³⁹ John V/4b: Constantinopolitan politikon, Anonymous XI/reverse (865).

³⁴⁰ John V/4b: Constantinopolitan politikon, Anonymous VIII/obverse (861-2).

³⁴¹ John Comnenus-Ducas: billon trachy III/L, Var. B/obverse (406).

³⁴² John Comnenus-Ducas: billon trachy III/K, Var. A (398-400).

³⁴³ Andronicus III: Thessalonican assarion X (840-1).

³⁴⁴ See Svoronos 1899, pp. 363-89; Soloviev 1935, pp. 155-62; Zeininger 1941; Laurent 1943.

and flanked by two square side-towers with a cross and pellets or asterisks above,³⁴⁵ and b) a gate surmounted with a tower, with two square side-towers with pellets above.³⁴⁶ Both types demonstrate the engravers' ambitious efforts to confine within the small surface of these coins (17-26 mm) not only a single edifice, but a whole city. To achieve this end, the architectural design is simplified and summarily depicted, and its details are omitted.

Another category of building types involves works of architecture represented with religious and/or secular figures, several of which have been already discussed above. Firstly, the generalized and schematic representation of city walls (of Constantinople) with six³⁴⁷ or four³⁴⁸ towers surrounds the half-length figure of the Virgin. Secondly, John Comnenus-Ducas³⁴⁹ and later Andronicus II³⁵⁰ are depicted winged in the role of guardian-angels surmounting city walls. Thirdly, John Comnenus-Ducas appears beneath an arch with towers at each corner.³⁵¹ Fourthly, John Comnenus-Ducas,³⁵² Michael VIII³⁵³ and Anna of Savoy³⁵⁴ stand alone holding in either their right or left hand city models with towers. Finally, St. Demetrius³⁵⁵ and (on one occasion) St. Michael are represented offering or holding together with the rulers of the Empire of Thessalonica³⁵⁶ and with Michael VIII³⁵⁷ the model of the city of Thessalonica in the form of a building with a central and two side towers or with only two side towers.³⁵⁸

³⁴⁵ John V/4b: politikon, Anonymous VII (five towers), VIII (three towers), reverse (859-62). According to Ćurčić (personal communication), this architectural design is the representation of a city enclosed by walls and towers shown from above; the gabled centre is actually the back part of the wall, while the H-like shape in the centre at the bottom of the design is the towered gate of the city.

³⁴⁶ John III-Michael II: Arta? billon trachy Var. C, obverse (476-7). Ćurčić agrees that this type should be viewed as a symbolic representation of a city.

³⁴⁷ Michael VIII: Constantinopolitan hyperpyra III-a/b (488-504), Thessalonican hyperpyron III-a/b (574-8), Philadelphian hyperpyron III-b (603-6); Andronicus II: Constantinopolitan hyperpyra I-a/b (624-36), Constantinopolitan stamenon V (647); Andronicus II-Michael IX: Constantinopolitan hyperpyron II-a including TE (702-53).

³⁴⁸ Andronicus II-Michael IX: Constantinopolitan hyperpyron II-b (754-8); Andronicus II-Andronicus III: Constantinopolitan hyperpyron III (817-8); John V/2, Constantinopolitan hyperpyron (848-9).

³⁴⁹ Billon trachy III/V, reverse (424-7). In accordance with Ćurčić, the building on this type is ambiguous. It could be the symbolic representation of a city, as in previous types.

³⁵⁰ Thessalonica, stamenon IV/reverse (671).

³⁵¹ Billon trachy III/W, reverse (428-9). According to Ćurčić (personal communication), this architectural design looks like a baldachin that has three turret-like features. One should not exclude the possibility that the emperor is shown standing in front of a city or a palace gate with an exedra framing it. See also Morrisson 2003, p. 185.

³⁵² Thessalonica, billon trachy III/Q, reverse (417).

³⁵³ Constantinople, stamenon XXII/reverse (554-6).

³⁵⁴ John V/4c: Thessalonican assaria II/reverse (868), III/reverse (869).

³⁵⁵ It should be added that on the obverse of Andronicus III's Thessalonican assarion XIV (842) the figure of St. Demetrius riding on horseback to the right is set in a natural environment portraying the walls or gates of Thessalonica (see LPC 242.15, note).

³⁵⁶ Theodore Comnenus-Ducas: electrum trachy B/reverse (321-2), billon trachy D/reverse (329-31); Manuel Comnenus-Ducas: billon trachy G/reverse (364-7); John Comnenus-Ducas: billon trachy III/N, reverse (408-10); Theodore II: Thessalonica, billon trachy/reverse (467-8).

³⁵⁷ Thessalonican stamenon VIII (589).

³⁵⁸ The offering of a model of a church or a building or a city was a very popular iconographic theme in Byzantine art. See Spatharakis (1974, p. 204) for relevant examples. According to Ćurčić (personal communication), it is better to avoid the word 'castle', which is used to describe these building designs in DOC IV and V. Some scholars believe that Late Byzantine "forts" were closely related to western feudal 'castles', but there is a distinction between the two. Ćurčić raised this question regarding the meaning of the X-like shape on Michael VIII's Thessalonican stamenon VIII.

What emerges from the above is that almost all these types share the same essentially stereotyped architectural design of a building with towers, and occasionally gateways, shown in the simple frontal view symbolizing a city. It is important to note that only secular architectural designs are portrayed on Late Byzantine coins. Moreover, the frequency with which architectural types appear on products of the mint of Thessalonica may well be of some significance, furnishing more evidence for idiosyncrasies of style in the work of the Thessalonican engravers.

c) Crosses

Because of their strong religious symbolism and significance, crosses as complete and central types³⁵⁹ appear frequently on Late Byzantine coins in varied forms. Thus, the patriarchal cross is represented on three steps between $\overline{\text{IC}} \overline{\text{XC}}$,³⁶⁰ or with pelleted ends on a floriate base;³⁶¹ or on a base decorated with stars in its upper quarters and lilies in its lower;³⁶² or with stars in the bottom quarters;³⁶³ or with $\overline{\text{IC}} \overline{\text{XC}}$ in the upper corners, and $\overline{\text{N}} \overline{\text{K}}$ in the lower;³⁶⁴ or with wings on each side and a small cross in a circle above;³⁶⁵ or with a wing on the right and a large letter B on the left;³⁶⁶ or on a winged shaft.³⁶⁷ Correspondingly, the Latin cross (equal armed, often pattée) appears on a base;³⁶⁸ or inside a crescent decorated with pellets;³⁶⁹ or radiate with lunate ornaments at the ends decorated with pellets;³⁷⁰ or radiate with pelleted ends on a floriate base;³⁷¹ or with pelleted ends with I C in its upper quarters and X C in its lower;³⁷² or with pellets in its quarters, inside a crescent;³⁷³ or with stars, mainly six-pointed, in its quarters,³⁷⁴ sometimes together with a small cross at the intersection;³⁷⁵ or with stars in its upper quarters and B B in its lower;³⁷⁶ or in quatrefoil;³⁷⁷ or surrounded by a circular inscription in large lettering, with pellets in its quarters;³⁷⁸ or with the letter B ³⁷⁹ or a cross³⁸⁰ at the intersection. It is interesting that several

³⁵⁹ Crosses as decorative elements of imperial insignia, like sceptres, crowns etc., are excluded from this examination.

³⁶⁰ John III: Magnesian tetarteron G/obverse (296-7).

³⁶¹ Michael VIII: Constantinopolitan stamenon XXVIII/obverse (567-8).

³⁶² Michael VIII: Thessalonican stamenon VIII/obverse (589).

³⁶³ Andronicus II: Thessalonican stamenon XXX/obverse (682).

³⁶⁴ Andronicus II: Thessalonican stamenon XXXV/obverse (689-91).

³⁶⁵ Andronicus II: Thessalonican stamenon XXVI/obverse (677).

³⁶⁶ Andronicus II: Thessalonican stamenon XXXII/obverse (683-5).

³⁶⁷ Andronicus III: Thessalonican assarion III/obverse (835).

³⁶⁸ Constantinopolitan large Latin Imitation W/obverse (94-102).

³⁶⁹ John III: Magnesian tetarteron D/obverse (291-2).

³⁷⁰ Anonymous ruler: Magnesian tetarteron D/obverse (314-5).

³⁷¹ Anonymous ruler: Magnesian tetarteron G/obverse (318-9).

³⁷² Anonymous ruler: Magnesian tetarteron E/obverse (316).

³⁷³ John Comnenus-Ducas: billon trachy III/W, obverse (428-9).

³⁷⁴ Andronicus II: Thessalonican stamenon XV-a/obverse (675); John VII: Constantinopolitan copper tornese II/obverse (1050).

³⁷⁵ Andronicus II-Michael IX: Constantinopolitan assarion V/obverse (790-1).

³⁷⁶ Andronicus II-Michael IX: Thessalonican stamenon XXIII/obverse (812-3).

³⁷⁷ Andronicus II-Michael IX: Constantinopolitan billon tornese IX/reverse (779).

³⁷⁸ Andronicus II: Constantinopolitan billon tornese II/reverse (637-9).

³⁷⁹ Andronicus II: Constantinopolitan billon tornese III/reverse (640-2).

³⁸⁰ Andronicus II: Constantinopolitan billon tornese IV/reverse (643); Andronicus II-Michael IX: Constantinopolitan assarion XXIII/obverse (806).

politikon coins of John V modelled on Western prototypes³⁸¹ have their obverse decorated with a circular inscription reading $+ \text{ΠΟΛΙΤΙΚΟΝ}$ around a small Latin cross,³⁸² occasionally with stars in its upper and B B in its lower quarters,³⁸³ or their reverse with a cross with B B in both its upper and lower quarters.³⁸⁴ Finally, the voided cross is illustrated with floriate ends to its limbs, and a diagonal cross at the intersection,³⁸⁵ while the cross ancree has pellets in each angle.³⁸⁶ It is obvious from the above that the use of the cross cannot be used as an indicator of mint identity, since it was common in the mints of Magnesia, Constantinople and Thessalonica alike. Perhaps the occurrence of these types on exclusively copper coins is of more interest signifying the use of a purely religious type which was easily understood and familiar to the public on denominations frequently used for daily transactions.

d) Dates

Late Byzantine coins do not indicate the date of their issue. There are, however, Constantinopolitan assaria of Andronicus II-Michael IX³⁸⁷ and Andronicus III(?)³⁸⁸ carrying as their obverse type indictional dates in the form of large capital letter-numerals. Bertelè showed that the letter N with its contraction mark stands for $\overline{\text{IN}}$ (Indiction),³⁸⁹ and that the subsequent letters are numbers.³⁹⁰ On this basis, Andronicus II-Michael IX's Class XVIII and Andronicus III(?)'s Class III were issued in Indictions 14 and 2 respectively.³⁹¹ Although the choice of dates as coin types is inconspicuous, their existence on Constantinopolitan issues only bolsters the hypothesis of an annual change of the coin design in the early fourteenth century.³⁹²

³⁸¹ The denoires tournois issued by the Latins of the Morea and Athens. It is worth noting that the function of the cross with arms of equal length is more decorative and less religious, because it is difficult to interpret this as a crucifix (Jones 1990, p. 78).

³⁸² John V/4b: Constantinopolitan politika IV (857), Anonymous VII (859-60), IX (863), XVI (866).

³⁸³ John V/4b: Constantinopolitan politikon, Anonymous VIII/obverse (861-2).

³⁸⁴ John V/4b: Constantinopolitan politikon, Anonymous XI/reverse (865).

³⁸⁵ Theodore II: Thessalonican billon trachy/obverse (467-8); Michael VIII: Philadelphian stamena Var. a-b/obverse (607-8/609-10).

³⁸⁶ Andronicus III: Constantinopolitan assarion IV/obverse (831).

³⁸⁷ Class XVIII (802): $\text{NI}\Omega$ (cursive Δ). See also Bertelè – Morriison 1978, pp. 131-2.

³⁸⁸ Class III (828-30): NB . The overstrike Fig. 23 throws doubts on the attribution of Class III to Andronicus III.

³⁸⁹ The indiction was a fifteen-year cycle introduced in the early fourth century for fiscal purposes, signifying the revision of the empire's tax schedules every fifteen years. In later years the cycle continued to be used for the dating of official and private documents. The indictional cycle commenced on the 1st of September and ended on the following 31st of August. The cycle repeated itself every fifteen years, so that in a reign of over fifteen years certain indictional dates occur more than once (see Grierson 1999, p. 84; Bendall 2002a, p. 28).

³⁹⁰ See Bertelè – Morriison 1978, p. 126.

³⁹¹ Theoretically, Indiction 14 represents either the years 1300/1301 or 1315/1316 (Grierson 1999, p. 85).

The appearance of the legend *Autokratores Romaion* on Class XVIII in conjunction with the occurrence of overstrikes of Class XVIII on Classes XXI or XXII, which, according to Bendall, cannot date to 1300 (see Bendall 2002a, p. 35, no. 7), suggest that the later date (1315/1316) is more likely. As for Indiction 2, if the type is a coin of Andronicus II-Michael IX, it could represent the years 1319/1320 (Bendall 2002a, p. 35, no. 9), for this type is found overstruck on Class XIX (Indiction 15), which in turn is found overstruck on Class XVIII (Indiction 14) (see Bendall 2002a, p. 35, no. 8; idem 1979b, p. 134). The dating of these coin types of the reign of Andronicus II is definitely a numismatic crux open to revision.

³⁹² Bendall 1979b, p. 134; Grierson 1999, p. 85.

e) Eagles or wing(s)

Surprisingly enough, the eagle,³⁹³ an approved expression of imperial symbolism, appears either two-headed or single-headed and with spread wings as a principal type only on two billon trachea of John Comnenus-Ducas³⁹⁴ and on a politikon of John V.³⁹⁵ In contrast, the depiction of just wings alone is more frequent. As complete types wings can be represented on their own,³⁹⁶ but as secondary elements of the design they also appear together with a variety of symbols and other decorative features: a cross-within-a circle on a shaft,³⁹⁷ a six-pointed star,³⁹⁸ a patriarchal cross,³⁹⁹ an imperial figure,⁴⁰⁰ or an arm holding a sword.⁴⁰¹ The evidence conclusively demonstrates the persistence of the Thessalonican die-engravers in adding wings to the design of their coins, especially under the rule of John Comnenus-Ducas. This perhaps reflects a numismatic practice deriving from the strongly religious character of Late Byzantine coinage, and its preference for symbols, like wings, which indicate the divine, in this case an angel, or even Christ and His Will.

f) Flowers

On Late Byzantine coins, flowers⁴⁰² are seldom elaborate, represented with four, or six, and occasionally with eight petals,⁴⁰³ sometimes with small rays between them, around a circular centre. Flowers cover the obverse of several products of the Thessalonican mint: they appear on a billon trachy of John Comnenus-Ducas,⁴⁰⁴ on a stamenon of Michael VIII⁴⁰⁵ and on stamena of Andronicus II⁴⁰⁶ and of Andronicus II-Michael IX.⁴⁰⁷ In contrast, only on a single specimen of the mint in Magnesia is a flower represented.⁴⁰⁸ Yet it is interesting that the same floral motif appears as a secondary element of the design in the lower left field on the obverse of a Constantinopolitan basilicon of Andronicus III depicting the figure of Christ standing on a souppedion,⁴⁰⁹ a design perhaps copied from the iconographic repertory of the mint of Thessalonica.

³⁹³ For a complete bibliography of studies on the eagle, see Fourlas 1980, particularly pp. 117-20.

³⁹⁴ II/B, III/G, obverse (372, 390-2).

³⁹⁵ John V/4b: Constantinopolitan politikon, Anonymous IX/reverse (863).

³⁹⁶ John Comnenus-Ducas: billon trachy III/M, obverse (407); III/R, Var. A, obverse (418-9); III/V, obverse (424-7).

³⁹⁷ John Comnenus-Ducas: billon trachy III/E, obverse (387-9).

³⁹⁸ Andronicus II: Thessalonican stamenon XI/obverse (673-4).

³⁹⁹ Andronicus II: Thessalonican stamena XXVI (677), XXXII/obverse (683-5); Andronicus III: Thessalonican assarion III/obverse (835).

⁴⁰⁰ John III/Thessalonica: billon trachea A/reverse (442-4), B/reverse (445-7); Andronicus II: Constantinopolitan stamenon XVII/reverse (655).

⁴⁰¹ Uncertain Thessalonican Attribution: billon trachy, obverse (433-4).

⁴⁰² Bendall in his *PCPC* and *LPC* describes this pattern as a star.

⁴⁰³ The depiction of an eight-petalled flower could correspond to a daisy, which biologically has eight petals or more.

⁴⁰⁴ Type III/T (420).

⁴⁰⁵ Stamenon VII (588).

⁴⁰⁶ Stamena XXVIII (679) (6 petals), XXIX (681) (4 petals decorated with a star in each quarter), mule of XXVI and XXVIII (680) (6 petals), XXXVII (692) (4 petals).

⁴⁰⁷ Stamenon XIX (810) (6 petals).

⁴⁰⁸ Anonymous tetarteron F/obverse (317).

⁴⁰⁹ Basilicon (light series) II (825).

g) Inscriptions

In the period 1204-1261 a five-line legend occupying the whole obverse field appears on a tetarteron of Theodore Comnenus-Ducas.⁴¹⁰ In the Palaeologan period a four-line and a three-line inscription likewise form the obverse type of an assarion of Andronicus II-Michael IX⁴¹¹ and of a politikon of John V⁴¹² respectively. The rarity of these types is explained on the basis of their unusual character, which would not have been understood by the illiterate public.

h) Keys

Three horizontal turning keys separated by groups of pellets cover the reverse of one type of John V's politikon.⁴¹³ This type is particularly unusual, because the keys are here not a secondary design, as in the case of the Latin Empire's billon trachy where St. Peter is represented holding in his left hand two keys,⁴¹⁴ but are elevated to forming the main design itself. It is plausible that the keys had a symbolic meaning representing a city or a fortress.⁴¹⁵ It is also possible that the design of the three keys was in essence the 'signature' of the die-maker. According to Lane – Müller's work on the mint of Venice, most of the die-makers were skilled in other kinds of metalwork, being referred to sometimes as ironsmiths. At late dates there is a reference to an ironsmith, who provided not so much dies as locks,⁴¹⁶ most of which required three keys.⁴¹⁷ This is a strong coincidence, which may help us build the profile of the die-makers and their role in determining the design of the coins.

i) Lilies

The numismatic evidence suggests that the fleur-de-lis representing a lily flower as used in heraldry did not enjoy in Byzantium the same popularity and significance as it did in the West, particularly in France⁴¹⁸ and Florence. As a main type, the lily as a purely ornamental device appears on the obverse of a limited number of specimens: on a tetarteron of Theodore II,⁴¹⁹ a Thessalonican stamenon of Michael VIII⁴²⁰ and on a Constantinopolitan stamenon of Andronicus II.⁴²¹ In contrast, as a decorative element of the field, and mainly as a symbol of

⁴¹⁰ Tetarteron Var. B (338-40). The inscription reads $\theta\epsilon\iota\omicron\delta\omega\rho\omicron\varsigma\iota\delta\epsilon\varsigma\pi\omicron\tau\iota\eta\varsigma\omicron\delta\omicron\nu\iota\kappa\alpha\varsigma$.

⁴¹¹ Constantinopolitan assarion XIII (799-800). The inscription reads $\iota\alpha\nu\tau\omicron\kappa\rho\alpha\tau\omicron\iota\pi\epsilon\varsigma\pi\omega\mu\iota\alpha\iota\omega\nu$.

⁴¹² John V/4b: politikon, Anonymous X (864). The inscription reads $\pi\omicron\lambda\iota\tau\iota\kappa\omicron\nu$. It has been correctly suggested that this type was modelled on its equivalent, the Latin tornesi (Grierson 1999, p. 90).

⁴¹³ John V/4b: Constantinopolitan politikon, Anonymous X (864).

⁴¹⁴ Large Constantinopolitan Latin Imitation S (74-7).

⁴¹⁵ Grierson 1999, p. 90.

⁴¹⁶ 'Each managing mintmaster turned over to his successor the reserve of dies which he had been keeping under lock and key'. Moreover, 'keeping precious metals in different stages of production under lock and key in separate rooms and chests must indeed have provided many calls for a locksmith' (see Lane – Müller 1985, pp. 232, 239).

⁴¹⁷ See Lane – Müller 1985, pp. 237, 239.

⁴¹⁸ It was the symbol of the royal coat of arms of France.

⁴¹⁹ Magnesian A (309-10). As mentioned earlier (p. 31), it was believed that the lily burst annually into blossom near St. Tryphon's relics. Therefore, the figure of St. Tryphon together with his lily appears frequently on products of the Nicaean rulers.

⁴²⁰ Class XX (598-600). See also Touratsoglou 1971.

⁴²¹ Class XXVIII (660) (lily in quatrefoil).

imperial insignia,⁴²² it appears on Magnesian aspra trachea of John III⁴²³ and Theodore II,⁴²⁴ and on a billon trachy of John Comnenus-Ducas,⁴²⁵ but more regularly on Thessalonican issues of Michael VIII,⁴²⁶ Andronicus II,⁴²⁷ Andronicus II-Michael IX⁴²⁸ and Andronicus III.⁴²⁹

j) Monograms

Monograms figure only on Palaeologan coins.⁴³⁰ As a main type, the Palaeologan monogram occupies the obverse, with ΛΓ/ΠΑ, the most pronounced letters of the word ΠΑΛΑΙΟΛΟΓΟΣ, in two lines across the whole field. Occasionally retrograde,⁴³¹ this type consists of thick linear letters surrounded by a linear border, and from the reign of John V onwards of a circular inscription between two linear borders. The Palaeologan monogram made its debut on stamena of Andronicus II⁴³² and assaria of Andronicus II-Michael IX,⁴³³ and was then employed on assaria of Andronicus III,⁴³⁴ on politikon coins of John V,⁴³⁵ and on copper tornesi of Andronicus IV⁴³⁶ and of Manuel II where it is accompanied on one specimen by a small square lattice cross.⁴³⁷ Additionally, playing a decorative role in the main design, which in this case is the imperial bust, the Palaeologan monogram appears in the right field on tornesi of Manuel II.⁴³⁸ It is yet to be explained why the pair of letters ΛΓ precede in order the pair ΠΑ, instead of following it. Moreover, it is of particular interest that the usual reverse for these coins is another imperial type.

k) Squares and crescents

A lattice pattern formed from four interlaced bands ornamented inside with pellets and linked together at the ends with a point, surrounded by two circular dotted borders, occupies the obverse of Magnesian tetartera issued by John III.⁴³⁹ The same design was then developed a few years later, as seen on a Magnesian tetarteron of the Anonymous Ruler of the Empire of Nicaea,⁴⁴⁰ by having each band decreased in width, and by uniting every two bands in circular ties; the four points, accompanied with a large pellet each, are attached diagonally to the angles of the pattern. In both designs the interlaced bands form an inner small square. These tolerantly geometrical patterns do not appear again in the Palaeologan period. It has been suggested that

another motif, a variant of the above, consisted of unornamented crossed lines (not bands),⁴⁴¹ and decorated the obverse field of an electrum trachy of John III.⁴⁴² The same design appears in the lower left field of a Thessalonican tornese of Manuel II. However, the alleged similarities between the main types and this suggested secondary pattern are dubious, especially since the latter by no means forms a square, and here I will emphasize only the principal copper Magnesian designs.

Crescents, representing the waxing or waning moon, form the obverse type of a variety of denominations throughout the entire period 1204-1453. They never appear alone, but are always accompanied with other symbols, like six-pointed stars and pellets,⁴⁴³ or only with a six-pointed star,⁴⁴⁴ or with pellets and a cross.⁴⁴⁵ Additionally, they form, always on the reverse, either decorative elements of imperial insignia⁴⁴⁶ or subsidiary elements in the field.⁴⁴⁷

l) The hetoimasia

The unprecedented numismatic type of the *ετοιμασία* or the 'Prepared Throne' shows a schematic empty throne without a back prepared for Christ's Second Coming.⁴⁴⁸ On the throne lies the Gospel and a dotted cross within a circle representing the crown of thorns. On each side of these, other instruments of Christ's passion are displayed, namely to the left a lance and to the right a sponge on a reed, both flanked by the abbreviation Γ, doubled possibly for reasons of symmetry, which may stand for *σταυρός*.⁴⁴⁹ The hetoimasia is only used twice, opposite the imperial type, on Constantinopolitan coins of Michael VIII, specifically on a silver trachy⁴⁵⁰ and on a stamenon.⁴⁵¹ It has been suggested that this design, heavily pervaded with Christian faith, was inspired in a period of crisis by the psalms, particularly no. 88 (89), 15: 'Justice and Judgement is the habitation of your throne',⁴⁵² and/or that it represented the notional image of Christ.⁴⁵³ Taking the latter suggestion further, Grierson put forward the idea that this type was inspired by the call for the spiritual presence of Christ at councils of the Church, like that of Lyons (1272-1273/4) held under Michael VIII.⁴⁵⁴

⁴⁴¹ Grierson 1999, p. 91.

⁴⁴² Magnesian electrum trachy M (214-5).

⁴⁴³ John Comnenus-Ducas: billon trachy III/P (414-6).

⁴⁴⁴ Michael II: Arta, billon trachy (474). For a general account of the representation of the complex crescent – star, see Moutsopoulos – Dimitrokallis 1988, particularly pp. 20-51.

⁴⁴⁵ John III: Magnesian tetarteron D (291-2); John Comnenus-Ducas: billon trachy III/W (428-9); Andronicus II: Constantinopolitan stamenon 661, which reminds us of Byzantine issues of the last quarter of the eleventh century (see Moutsopoulos – Dimitrokallis 1988, p. 28, fig. 17/19; Grierson 1982, pl. 57, 993 (J), pl. 58, 1006). Following the suggestion of Moutsopoulos – Dimitrokallis (1988, pp. 14-8), it is possible that the cross on specimens 291-2 and 428-9 is, in essence, a four-pointed star.

⁴⁴⁶ Theodore Comnenus-Ducas: tetarteron Var. B (338-40) (patriarchal cross-crosslet on a long shaft decorated with a crescent); John V/2: Constantinopolitan billon tornese (852) (labarum above a deep crescent).

⁴⁴⁷ Michael II: Arta, billon trachy (472-3); Andronicus II: Constantinopolitan stamenon XIV (651). It needs to be examined whether on these specimens the crescents played the role of sigla. According to Jones (1990, p. 77), crescents were used as mint marks on Republican and late Imperial Roman coins.

⁴⁴⁸ Although rare on coins, the hetoimasia is common on other forms of Byzantine art (see Bendall 1976a, p. 231).

⁴⁴⁹ Grierson 1999, p. 89.

⁴⁵⁰ Class IX (506).

⁴⁵¹ Class XII (532-4).

⁴⁵² Bendall 1976a, p. 231.

⁴⁵³ Bendall 1976a, p. 234.

⁴⁵⁴ Grierson 1999, pp. 89, 113. Bendall (1976a, p. 233) put forward stylistic criteria which support Grierson's suggestion.

⁴²² According to Khristova (1979), the lily appeared also on Bulgarian issues of Constantine Asen (1257-1277) - as a decorative element of the imperial throne - and of Ivan Srazimir (1360-1396).

⁴²³ Billon trachea U, V/reverse (261-2, 263-7).

⁴²⁴ Electrum trachy III/reverse (303).

⁴²⁵ Type III/X (430-2).

⁴²⁶ Stamena VIII, XVI, XVII/reverse (589, 596, 597).

⁴²⁷ Stamena III, VII, XXIX/reverse (670, 672, 681).

⁴²⁸ Stamenon XXV/reverse (815). See also Laurent (1958, particularly pp. 418-21), who in his article attributed the stamenon to Michael VIII.

⁴²⁹ Assarion XVIII (843-4).

⁴³⁰ ODB p. 1397: Generally monograms became rare in the ninth to twelfth centuries.

⁴³¹ Manuel II: Thessalonican tornese (1028).

⁴³² Andronicus II: Thessalonican stamenon XL (694).

⁴³³ Andronicus II-Michael IX: Constantinopolitan assaria XXII (804-5), XXV (807-8).

⁴³⁴ Constantinopolitan assarion (832); Thessalonican assarion XVIII (843-4).

⁴³⁵ John V/4b: Constantinopolitan politikon V (858).

⁴³⁶ John V/5: Constantinopolitan tornese (891).

⁴³⁷ Constantinopolitan tornese I (1004-6); Thessalonican tornese (1028).

⁴³⁸ Constantinopolitan tornesi II (1007), IV (1012-7).

⁴³⁹ Tetarteron A (281-2).

⁴⁴⁰ Tetarteron B (313).

7. Overstrikes

The Ashmolean collection accommodates a stimulating group of Late Byzantine overstrikes. Most of them were originally acquired by Bendall, who, since 1974, was the only expert to show great zeal for detecting and recording as many overstrikes as possible, in order to arrange the coinage in a proper sequence.

Generally speaking, an overstrike occurred when an existing coin was used as a blank, and was re-struck by another coin. This procedure saved on melting down coins withdrawn from circulation in order to produce new flans,⁴⁵⁵ but resulted in a reduction of the weight of the coins, for those used as flans would be worn and thus were lighter than when they had originally left the mint.⁴⁵⁶ Overstrikes are very important, for if overstriking has not obliterated the original coin or undertype completely, then, with close scrutiny, both the undertype and the overtyping can be identified.⁴⁵⁷ The study of such overstrikes is a useful method for reconstructing the order in which different types of coins were issued, since the undertype predated the overtyping⁴⁵⁸ or was contemporary with it.⁴⁵⁹

In the Ashmolean collection, 23 overstrikes can be identified with certainty.⁴⁶⁰ With one exception, all the overstrikes come from the period 1204-1261, and consist of Constantinopolitan coins struck over other Constantinopolitan coins, of Thessalonican coins overstruck on other Thessalonican coins, of Nicaean coins re-struck on other Nicaean coins, of Constantinopolitan coins over Magnesian coins, of Thessalonican coins struck on Constantinopolitan coins, and of Nicaean coins struck over Thessalonican coins. In other words, overstrikes occurred not only in the same mint that produced the original, but also in different mints. Twenty-two overstrikes consist of billon trachea overstruck on earlier billon trachea,⁴⁶¹ while the one Palaeologan overstrike involves a copper assarion struck on an earlier assarion.⁴⁶² Most obviously, base metal

coins are found overstruck, probably because the weights of low value denominations and the exact composition of the metal from which they were composed were subject to less control by the mint authorities. Moreover, copper and some of its alloys were to some extent softer and, subsequently, easier to overstrike with new types.⁴⁶³ Close scrutiny of the present material also reveals that in the main traces of the undertype are usually found on the blank 'ring' outside the border surrounding the overtyping, or somewhere around the outer part of the design inside the exterior circle.⁴⁶⁴ The existing overstrikes are mostly reverse on reverse,⁴⁶⁵ but also obverse on reverse,⁴⁶⁶ reverse on obverse,⁴⁶⁷ and obverse on obverse.⁴⁶⁸ In the pages that follow Figures a'/b' show accentuated the details of the undertype, which has escaped defacement, while Figures a/b show the coins unmarked.

The study of the Ashmolean overstrikes reveals that for the Latin Imitations and for the billon coinage of the Thessalonican Ducas Manuel, small-module issues were overstruck on the clipped-down flans of earlier large-module types. Starting with the Latin Imitative series, small A was overstruck on large P (Fig. 1),⁴⁶⁹ and, in three cases, on large R (Figs. 2-4).⁴⁷⁰

⁴⁵⁵ Coins that were candidates to be re-used as flans for later issues were: a) stray finds with little or no monetary value and use or other coins that found their way back to the mint just before production was being changed to a new variety because of a monetary reform (Goodwin 2001, p. 95); or b) coins that for several reasons, i.e. the quality control process, remained in the mint, being struck, but not issued (Bendall 2003, p. 135).

⁴⁵⁶ Grierson 1975, p. 111.

⁴⁵⁷ Burnett 1991, pp. 25-6.

⁴⁵⁸ An objection to this statement comes from Goodwin (2001, p. 94), who claims that an overstrike alone does not prove that the overtyping was minted later than the undertype (i.e. the issue represented by the undertype could have just started, while that represented by the overtyping might have been about to end). Goodwin recommends the use of supplementary information (i.e. the representation of two different rulers on an undertype and overtyping from the same mint), together with the identification of a statistically significant sample of overstrikes with a consistent pattern of overstriking. I find Goodwin's suggestions very demanding, and difficult to apply to Late Byzantine numismatics.

⁴⁵⁹ According to Bendall (2002a, pp. 28, 30), overstriking tended to occur on relatively recent coins, possibly issued between one and four years earlier, for stocks of coins which were produced with a different annual design, but were not issued, remained in the mint and were used as flans for subsequent issues. This is probably the answer to Bendall's own question (2003, p. 134) 'Since this petty coinage could not be used to pay taxes how were these earlier coins returned to the mint in order to be re-struck?'

⁴⁶⁰ The Catalogue presents ten further overstrikes (1097, 1102-4, 1107, 1114, 1117, 1124, 1126, 1127), whose undertyping yet remains to be ascertained.

⁴⁶¹ It is worthy of note that Bendall (1987b, pp. 3-4, figs. 5-6) published an overstrike of John III's tetarteron G on the same ruler's tetarteron D.

⁴⁶² According to Bendall (2003, p. 134), most overstrikes in the Palaeologan Constantinopolitan coinage consist of assaria struck on earlier assaria. It is interesting to note that Andronicus II-Michael IX's Constantinopolitan assarion IX is found overstruck exclusively on Andronicus II-Michael IX's Constantinopolitan stamenon V.



FIG. 1: 1098



FIG. 2: 1099

FIG. 3: 1101

⁴⁶³ Jones 1990, p. 230.

⁴⁶⁴ See Figs. 2b', 3b', 4b', 5a', 8a', 11b', 12b', 15a', 18b', 19b', 21b', 23a'.

⁴⁶⁵ Figs. 1b', 2b', 3b', 8b', 10b', 11b', 12b', 16b', 17b', 18b', 19b', 20b', 21b', 22b'.

⁴⁶⁶ Figs. 4a', 5a', 6a', 7a', 9a', 13a', 14a', 15a', 23a'.

⁴⁶⁷ Figs. 4b', 7b', 9b' (?), 14b'.

⁴⁶⁸ Figs. 1a', 8a', 10a', 20a', 21a', 22a'.

⁴⁶⁹ On the reverse part of the right wing and of the military tunic of St. Michael can be seen. On the obverse there are traces of Christ's beaded nimbus and the left limb of the nimbus cross.

⁴⁷⁰ On Fig. 2 the left outstretched arm and open hand of the praying Virgin is seen. This is less clear on Fig. 3. As for Fig. 4, the right outstretched arm and open hand of the Virgin together with part of her tunic and maphorion can be identified. On the reverse of the same coin the right cushion and part of the leg of Christ's throne can be clearly seen.

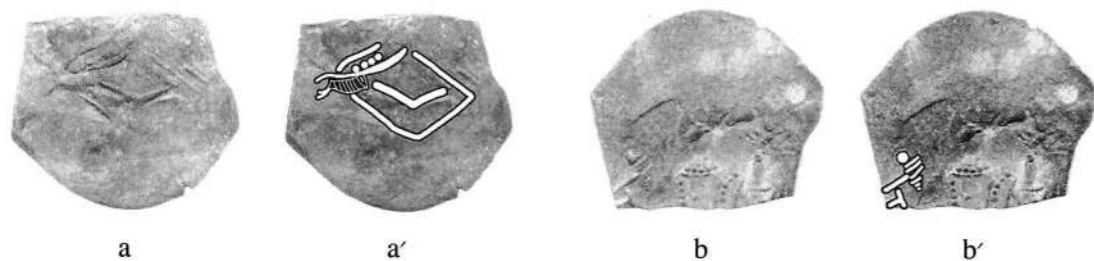


FIG. 4: 1100

Small Latin B and F were re-struck on their large equivalents (Figs. 5-6),⁴⁷¹ and small G on the Thessalonican large-module C (Fig. 7).⁴⁷² As for Manuel Comnenus-Ducas' coinage, small-module C is found on large F (Fig. 8),⁴⁷³ small F on large A (Fig. 9)⁴⁷⁴ and on large G (Fig. 10),⁴⁷⁵ small G on large E (Fig. 11),⁴⁷⁶ and small A, with reservation, on Theodore Comnenus-Ducas' Type E (Fig. 12).⁴⁷⁷ This pattern of small-module coins being overstruck on the cut-up flans of their large-module analogues is important, for it would therefore seem reasonable to assume that large-module coins were earlier than their small-module 'clones'.

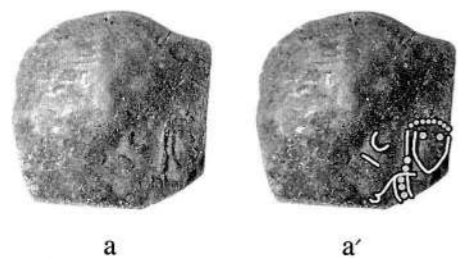


FIG. 5: 1105



FIG. 6: 1108

⁴⁷¹ On Fig. 5 the emperor's head and part of his chlamys are clearly visible, while on Fig. 6 the head and the lower body of the right hand figure of St. Constantine can be seen.
⁴⁷² On the obverse, the head, stemma, and loros of the left hand figure of St. Helena are clearly recognized. On the reverse there are traces of the cushion and leg of Christ's throne.
⁴⁷³ On the obverse the letters ...ΕΟΔ... of the undertype's inscription are seen. On the reverse, the head and stemma of the emperor, the Manus Dei, part of the saint's nimbus and the dotted cloud with the star in the centre are clearly recognizable.
⁴⁷⁴ On Fig. 9 the existence of an undertype is attested by Christ's drapery of the tunic and his feet on the obverse, and possibly by the outline of St Demetrius' body on the reverse.
⁴⁷⁵ On Fig. 10 the outline of St. Michael's left wing is visible on the obverse, and the legs of the throne, where Manuel and St. Demetrius were seated, are seen on the reverse.
⁴⁷⁶ On Fig. 11 the reverse preserves traces of the ruler's sagion.
⁴⁷⁷ Fig. 12 shows very distinctly the lower part of a loros, which, however, occurs with the same design also on Manuel Comnenus-Ducas' Types D and E. I have marked the letters Θ Ε Ψ, but with certain reservations.

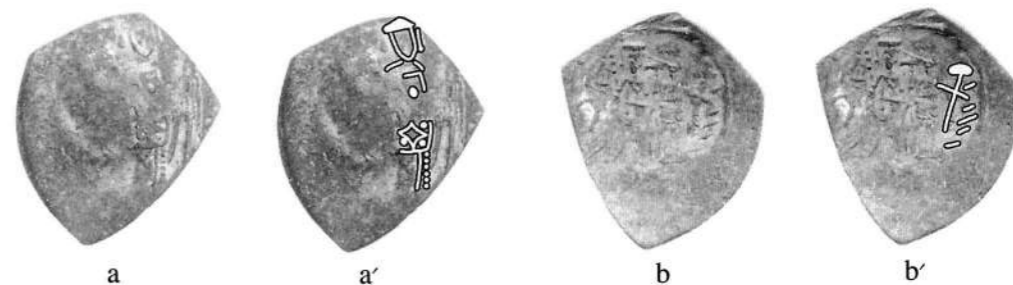


FIG. 7: 1112

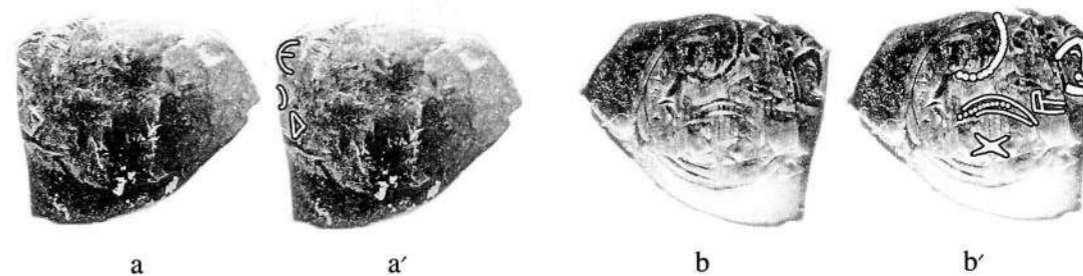


FIG. 8: 1121



FIG. 9: 1122

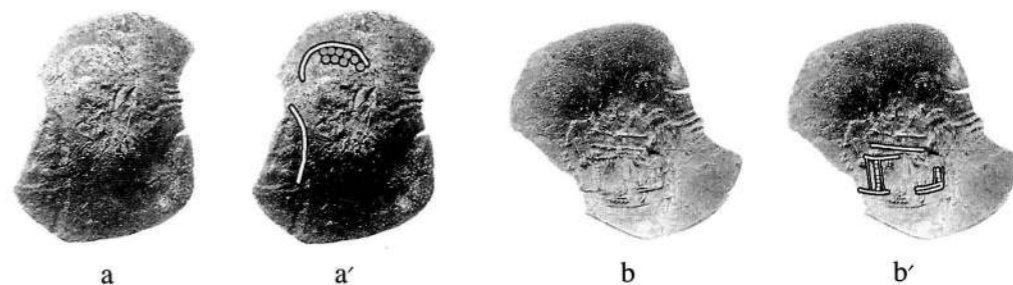


FIG. 10: 1123



FIG. 11: 1125

FIG. 12: 1120

In addition, the following overstrikes provide important evidence for establishing a sequence in the issues of Theodore I, Theodore Comnenus-Ducas and Manuel Comnenus-Ducas. The first overstrike shows Theodore I's Second Coinage struck on the same emperor's First Coinage. On Fig. 13 can be seen almost the whole figure of the emperor wearing stemma, divitision, collar-piece and loros, and holding a labarum-headed sceptre in his right hand.

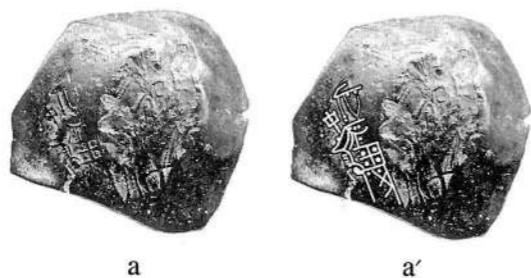


FIG. 13: 1113

The second overstrike represents Theodore Comnenus-Ducas' Type C struck on his Type B (Fig. 14).⁴⁷⁸ The obverse of the undertype is revealed (barely) by part of Christ's dotted nimbus, and the siglon Δ, but the reverse is more easily identified from the inscription ...ΔΨΡ... Γ and from the left hand figure of the emperor, holding in his right hand a sceptre cruciger, crowned by a nimbate figure.



FIG. 14: 1115

Another Thessalonican overstrike of the same ruler presents his Type C over Type F, obverse on reverse (Fig. 15).⁴⁷⁹ The reverse of the undertype is visible with the emperor's head and loros, the patriarchal cross, and the edge of the Manus Dei. These overstrikes indicate clearly that both Types B and F were earlier than Type C, which may also suggest that Type C was produced in greater numbers.



FIG. 15: 1116

FIG. 16: 1118

The last overstrike in this series represents Manuel Comnenus-Ducas' Type A on his Type E (Fig. 16), as indicated by the undertype's reverse showing part of the face and loros of the right hand figure of St. Constantine, as well as part of the inscription with the letters ΚΟC T.

Cautious analysis of the available material also brings to light a further series of more interesting overstrikes. To begin with, three small Latin Imitative issues of Type G were re-struck on Direct Copies of Type C (Figs. 17-9). The clearest example (Fig. 17) shows the reverse of the undertype with the loros and face of the left hand figure of the emperor and the loros of the right hand figure of St. Constantine. Does this relationship support's Touratsoglou's claim that the Direct Copies were early Latin Imitative issues?⁴⁸⁰



FIG. 17: 1109

FIG. 18: 1110



FIG. 19: 1111

⁴⁷⁹ Bendall 1976c, p. 416.

⁴⁸⁰ For a detailed analysis of the relationship between Direct Copies and Latin Imitative coins, see Touratsoglou 1973, pp. 67-9.

⁴⁷⁸ Bendall 1979a, p. 61.

The next overstrike represents Thessalonican large Latin Imitation C on Constantinopolitan large Latin Imitation B (Fig. 20).⁴⁸¹ The obverse of the undertype is identified by the traces of Christ's nimbus, of the left side of his throne and of the abbreviation XC. The reverse is revealed by the traces of the cross (surmounting the globus) and of the imperial garment. This overstrike, originally deriving from the Yenimahalle hoard, throws more light on the identification of the mints striking the Latin Imitative series.



FIG. 20: 1106

There is also a Nicaean-Latin overstrike representing the large Latin Imitative O over John III's Type M (Fig. 21). Bendall discerned the undertype's reverse with the oval shield next to the lower body of St. Constantine.⁴⁸² Additionally, close study reveals traces of the undertype's obverse on the other side of the coin, namely the letter X (part of the abbreviation XC) close to Christ's left shoulder. This overstrike helps to place Type O in its chronological framework, which consists of 25 different types.



FIG. 21: 1096

The limb of the nimbus cross and the left hand of Christ on the obverse, plus the nimbus and the right arm of St. Michael holding a sceptre, attest a Thessalonican-Latin overstrike, namely Manuel Comnenus-Ducas' Type A over the large Latin Imitation P (Fig. 22). This gives a terminus for the latter of 1230-1237.⁴⁸³



FIG. 22: 1119

Although overstrikes are common in the Palaeologan period,⁴⁸⁴ the Ashmolean collection accommodates only one example (Fig. 23).⁴⁸⁵ The oertype represents on the obverse the indictional letters NB with a star above and below, and has been customarily identified as Andronicus III's Constantinopolitan assarion of Class III.⁴⁸⁶ The undertype is visible with the lower part of the loros and a raised left arm holding in its crook a shaft.



FIG. 23: 1128

This overstrike offers pivotal evidence for re-attributing Andronicus III's assarion of Class III to Andronicus II-Michael IX's joint reign.⁴⁸⁷ Recent research has shown that, as in Thessalonica, Constantinopolitan assaria of Andronicus II-Michael IX depicted Andronicus II alone.⁴⁸⁸ Furthermore, Bendall has noted that the oertype (Fig. 23a) has been struck on four types of assaria of Andronicus II-Michael IX's joint reign.⁴⁸⁹ On these grounds, if the oertype was an issue of Andronicus III, it would not have been produced so much later than its undertype.⁴⁹⁰ Moreover, according to Bendall, the only assarion of Andronicus III - Class IV - albeit a very

⁴⁸⁴ See Bendall 1976b; idem 1979b; idem 1979d; idem 1981b; idem 1982c; idem 1984c; idem 1988a, pp. 15-6; idem 2002a; idem 2003; idem 2007.

⁴⁸⁵ Bendall 1974, p. 285, no. 2.

⁴⁸⁶ See Grierson 1999, pl. 50, nos. 902-6; Bendall 1988a, p. 44, no. 204; Bendall - Donald 1979, p. 126, no. 12; Sear 1987, p. 463, no. 2480; (828-30).

⁴⁸⁷ See Bendall 2002a, p. 35, no. 9.

⁴⁸⁸ Bendall 2002a, p. 35; idem 1974, p. 285, no. 1.

⁴⁸⁹ Bendall 2002a, p. 34 (and 1984c, p. 6) coins 661 (VII), 671 (VIII), 647 (IV), 698 (XIX).

⁴⁹⁰ Moreover, Grierson's remark (1999, p. 85), 'Three decades later the idea of using date formulae as types was revived under Andronicus III, but on this occasion it lasted only a single year' in fact advances further the opinion that the oertype is not an issue of Andronicus III.

⁴⁸¹ Bendall 1984d, p. 78.

⁴⁸² Bendall 1992, p. 264. Later mention of the overstrike was made by Hendy (1999, p. 90).

⁴⁸³ Hendy 1999, p. 91.

common coin - has not been found overstruck on any earlier issues.⁴⁹¹ In closing, it is certainly the case that the overtype is an issue of Andronicus II-Michael IX struck on Andronicus II-Michael IX's Constantinopolitan assarion of Classes IV, VII, XVIII-XX, which in general share the same reverse design.

8. Inscriptions and Monograms

Because of the non-realistic treatment of facial features, figures on Late Byzantine coins are recognized only if the inscriptions name them. In other words, Late Byzantine legends furnish invaluable information, because, almost always, they enable us to attribute coins to issuing authorities.⁴⁹² Even when blundered, they still constitute reliable identifying criterion.

Late Byzantine coin legends illustrate trends already present in the inscriptional tradition of Roman and of earlier Byzantine coins. Inscriptions on coins of the period 1204-1261 are divided into three classes: a) legends which follow the circumference of the coin and usually frame the left and right side of the type; b) inscriptions which are placed vertically to left and right of the type in lines of one, two or three letters;⁴⁹³ and c) legends of five lines being the type themselves.⁴⁹⁴ Inscriptions on Palaeologan coins continue the above three patterns, and also present a new scheme: a legend running in one linear or two linear/dotted outer circles.⁴⁹⁵

Late Byzantine legends, except when forming the type themselves, do not function as part of the decorative pattern. On the contrary, they are adjusted to the design conforming to the vacant space within the circle of the type.⁴⁹⁶ This supports the argument that the imperial effigy was engraved first, and the legend was added later.⁴⁹⁷ This practice clashed with the engravers' impulse to convey as much information as possible, increased the use of fragmentary legends and cut or abbreviated words,⁴⁹⁸ and deteriorated the quality and legibility of the lettering. Thus, it is not surprising that only rarely does one find Late Byzantine coins where all the letters in the inscription are readable, and that one often encounters simplified letters in the form of one or more vertical strokes.

Because of their official political and monetary nature,⁴⁹⁹ Late Byzantine coin inscriptions in the Ashmolean collection provide a systematic source for the names and epithets of saints, for the names, titles and epithets of Late Byzantine emperors, as well as for invocations to

⁴⁹¹ Bendall (2002a, p. 35; 1984c), based on stylistic similarities with Andronicus III's (*recte* Andronicus II-Michael IX's) assarion III, suggested that Andronicus III's assaria I and II are actually issues of Andronicus II-Michael IX. For more entries into the discussion about the attribution of the assaria to Andronicus II-Michael IX/Andronicus III, see also Grierson 1999, p. 168; Bendall 1988a, pp. 15, 43; Bendall 1974, p. 285.

⁴⁹² With the exception of Latin imitative coins, which maintain the Byzantine inscriptions and so give no clear indication of the people behind their issuing, and of anonymous coins that mention no imperial name at all.

⁴⁹³ Bellinger 1967, p. 337: An epigraphical fashion introduced by Alexius I, possibly under the influence of the arrangement of inscriptions on ivories and mosaics.

⁴⁹⁴ On tetartera, Var. B, of Theodore Comnenus-Ducas (338-40).

⁴⁹⁵ One outer circle: Andronicus II-Michael IX: assaria II (788), X (794), XXI-XXIII (803-6); Andronicus II-Andronicus III: stamenon XX (819-21); John V/4b: politika II (854-6), VII-IX (859-63), XVI (866); John V/5: copper tornese (891); Manuel II: copper tornese I (1004-6). Two outer circles: stavrata of John V/4e/6 (870-2/894-900); Manuel II (903-16); John VIII (1051-65); Constantine XI (1095).

⁴⁹⁶ See 429, on the reverse of which the inscription $\overline{\text{I}}\overline{\text{W}}\overline{\Delta}$ is placed in the free space above the arch, and 624-36, where the body of Andronicus II kneeling in *προσκύνηση* leaves plenty of vacant space for the inscription to be developed (disorderly) in several lines in the top left corner.

⁴⁹⁷ Bendall – Donald 1979, p. 11.

⁴⁹⁸ This phenomenon is more common on Palaeologan coins.

⁴⁹⁹ Burnett 1991, p. 29.

imperial or holy personages (*ΚΥΡΙΑ ΒΟΗΘΕΙ ὁ̅ς ΒΑΣΙΛΕΥΣ*). Moreover, they echo the emperor's strong Christian faith (*ΕΝ ΧΩ ΤΩ ΘΕΩ ΠΙΣΤΟΣ ΒΑΣΙΛΕΥΣ*), as well as his self-appointment as *ΘΥ ΧΑΡΙΤΙ ΒΑΣΙΛΕΥΣ ΤΩΝ ΡΩΜΑΙΩΝ*. On the other hand, they only rarely give the name of a city (*ΠΟΛΙΣ ΘΕΣΣΑΛΟΝΙΚΗ*),⁵⁰⁰ or even of the coin itself (*ΠΟΛΙΤΙΚΟΝ*).

The emperor's Christian name is given, either abbreviated or cut with the last letters of the name omitted ($\overline{\text{I}}\overline{\text{W}}$ for *ΙΩΑΝΝΗΣ*, $\overline{\text{X}}\overline{\text{M}}$ and less regularly $\overline{\text{M}}\overline{\text{X}}$ for *ΜΙΧΑΗΛ*; $\overline{\text{Θ}}\overline{\text{Ε}}\overline{\text{Ο}}\overline{\Delta}$ for *ΘΕΟΔΩΡΟΣ*, $\overline{\text{Α}}\overline{\text{Ν}}\overline{\Delta}$ for *ΑΝΔΡΟΝΙΚΟΣ*, $\overline{\text{ΜΑ}}\overline{\text{Ν}}$ for *ΜΑΝΟΥΗΛ*). Normally the imperial name was followed by imperial titles.⁵⁰¹ The most extensively used imperial title for the whole period 1204-1453 was that of despot (*ΔΕΣΠΟΤΗΣ*)⁵⁰² often followed by the name *Ο ΔΥΚΑΣ*, which was used as a sort of royal title.⁵⁰³ Other titles were basileus, alone (*ΒΑΣΙΛΕΥΣ/ΒΑΣΙΛΕΥΣ*) or as *ΒΑΣΙΛΕΥΣ/ΒΑΣΙΛΕΥΣ (ΤΩΝ) ΡΩΜΑΙΩΝ*, and autokrator, alone (*ΑΥΤΟΚΡΑΤΩΡ*) or as *ΑΥΤΟΚΡΑΤΩΡ/ΑΥΤΟΚΡΑΤΟΡΕΣ (ΤΩΝ) ΡΩΜΑΙΩΝ*. The title *ΑΥΤΟΚΡΑΤΟΡΕΣ ΡΩΜΑΙΩΝ* was first employed on hyperpyra, basilica and assaria of Andronicus II-Michael IX, while the title of *ΒΑΣΙΛΕΥΣ ΤΩΝ ΡΩΜΑΙΩΝ* first appears on stavrata of John V and of Manuel II. As for the imperial epithets, the most intriguing is the lengthy porphyrogenitus (*ΠΟΡΦΥΡΟΓΕΝΝΗΤΟΣ*) on coins of John III and Theodore II.⁵⁰⁴ Finally, patronymics followed in sequence. For the Nicaean rulers the patronymics used were *ΚΟΜΝΗΝΟΣ* or *Ο ΛΑΚΚΑΡΙΣ*, for the Thessalonican emperors *ΚΟΜΝΗΝΟΣ*, always followed by *Ο ΔΥΚΑΣ*,⁵⁰⁵ for the Palaeologans *Ο ΠΑΛΑΙΟΛΟΓΟΣ*. John VI was addressed with the abbreviation *ΚΝΤ* for *ΚΑΝΤΑΚΟΒΖΗΝΟΣ*. It is certainly interesting that patronymics were generally not abbreviated, indicating the engravers' preference to emphasize the whole title and thus the authority and continuity of the dynastic families.

Inscriptions on Late Byzantine coins were in the Greek alphabet.⁵⁰⁶ Only on Andronicus II-Michael IX's basilicon of Class VIII do the inscriptions run from right to left.⁵⁰⁷ Letters were always capitalised, sometimes retrograde, and were very rarely adorned with serifs. The lettering generally increased in size, and automatically, due to the lack of space, deteriorated in legibility particularly in inscriptions between double borders. Differences in the lettering and spelling mistakes are common especially in late Palaeologan inscriptions, testifying to a lack of care in execution and to varying degrees of literacy among the engravers. The letters regularly confused by the die-sinkers were:

H and I	ΑΓΗΟΣ, ΔΕΣΠΟΤΙΣ, ΧΑΡΗΤΗ/ΧΑΡΙΤΗ, ΠΗΣΤΟΣ, ΔΙΜΙΤΡΙΟΣ
C and E	ΔΕΣΠΟΤΗΣ
O and W	ΡΩΜΑΙΟΝ/ΡΟΜΑΙΟΝ, ΤΟΝ, ΤΟ ΘΕΟ
Λ and A	ΑΓΙΟΣ, ΑΝΔΡΟΝΙΚΟΣ
Λ and Δ	ΔΥΚΑΣ
Ε for ΑΙ	ΠΑΛΕΟΛΟΓΟΣ, ΡΩΜΕΩΝ

⁵⁰⁰ Manuel Comnenus-Ducas: billon trachy G (364).

⁵⁰¹ Except for a few specimens of large Constantinopolitan Latin billon trachea B, where the title *ΔΕΣΠΟΤΙΣ* precedes the name *ΜΑΝΟΥΗΛ* (27, 29, 30).

⁵⁰² Plakogiannakis 2001, pp. 39-40: From the late twelfth century the title *ΔΕΣΠΟΤΗΣ* became the regular title of the (designated) heir to the throne.

⁵⁰³ For John III and Theodore II.

⁵⁰⁴ For the illegitimate use of the epithet porphyrogenitus on the hyperpyra of John III, see Lianta 2006b, pp. 281-2.

⁵⁰⁵ Legible on Theodore's coins.

⁵⁰⁶ Morrisson 1991, pp. 262-4: Latin was no longer in use after the 1060s.

⁵⁰⁷ *ΚΥΡΙΑ* (obverse, right) *ΒΟΗΘΕΙ* (obverse, left) *ΑΥΤΟΚΡΑΤΟΡΕΣ* (reverse, right) *ΡΩΜΑΙΩΝ* (reverse, left) (767-73).

9. New issues and varieties of Late Byzantine coins

Rare issues

The collection of Late Byzantine coins of the Ashmolean Museum includes a number of rare types, that appear to be the second or the third known examples (**210, 212, 214-5, 216, 321, 643, 850, 1095**). It contains also issues, which have not been recorded in the most recent reference catalogues, and it sheds light on new varieties of sigla, which complement the existing listings of *PCPC* and of *DOC V*.

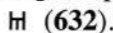
New issues

The aspron trachy (bill.) of the Latin Empire of Constantinople (1204-1261) represents on the obverse a beardless military saint holding in his right hand a spear and in his left hand a shield, and on the reverse an emperor holding in his right hand a trilobate sceptre, and in his left hand a globus cruciger (**103-6**).


The aspron trachy (bill.), attributed by Bendall to Michael II Comnenus-Ducas (c. 1236-1268) of the Despotate of Epirus, presents on the obverse St. Demetrius with a sword in his right hand, and a shield in his left hand, and on the reverse the emperor crowned by Christ and holding a sceptre cruciger in his right hand, and an anexikakia in his left hand (**471-3**).

The aspron trachy (AR) of Michael VIII Palaeologus (1261-1282) represents on the obverse the enthroned Christ, and on the reverse the emperor holding in his right hand a labarum-headed sceptre, and in his left a globus surmounted by a patriarchal cross (**480**).

New varieties

The hyperpyron (AV) of Andronicus II Palaeologus representing the emperor nimbate, bears on the obverse the following new siglon,  (**632**).



The 'heavy' stavraton (AR) of Manuel II Palaeologus presents on the obverse the new siglon  (**904**).

Presentation of the Catalogue, the ordering of the coins, and the conventions employed

The coins have been listed chronologically according to emperor,⁵⁰⁸ and have been numbered consecutively throughout, giving each type a separate number under each mint, metal and denomination with a further letter and numeral breakdown to distinguish varieties and individual specimens.⁵⁰⁹ The customary numismatic abbreviations have been used for gold (AV), silver (AR) and copper (AE). Electrum (el.) is used to describe alloys of gold and silver, and billon (bill.) is used to describe silver less than 30 per cent pure, but more than 5 per cent. As in most recent works,⁵¹⁰ the religious side of the coin is treated as the obverse, and the imperial/secular side as the reverse,⁵¹¹ except for a very small number of cases where the imperial side is treated as the obverse.⁵¹²

The descriptions of the iconography and the recording of the inscriptions are faithful to the original coins; attempt was made to reproduce actual letter forms. The special fonts used for the coin inscriptions were first created by the late Professor Nicholas Oikonomides in 1986, and were subsequently enriched by the late Glen Rubby and the Publications Department of Dumbarton Oaks (Washington, D.C.). The numbering of the sigla is that of Bendall's tables,⁵¹³ which were reproduced in *DOC V*. The diameters are maximal in millimetres (mm), and the weights are in grams (g); clipped (after they were issued), broken (after they were lost or deposited) and pierced coins are indicated, because this affects their weight. Die-axes are all noted, despite the fact that most of them approximate to 6 o'clock. The catalogue also notes the source of each coin in the collection, together with its historic and modern provenance, and the date of acquisition, when known.

Finally, there are systematic references to Hendy's *DOC IV*, to Grierson's *DOC V*, to the second edition of Sear's reference listing of Byzantine coins, to Bendall's catalogue of his Palaeologan collection (*PCPC*), to Bendall's and Donald's work on later Palaeologan coinage (*LPC*), and to specific articles and publications that list and/or illustrate the same or similar coins. It should be noted that, if no *DOC* reference is given, the type was lacking in the collection at the time *DOC IV* and *V* were published, but is not necessarily missing from the Dumbarton Oaks Collection now. The dating of the types largely follows the method used in *DOC IV* and *V*. Finally, all coins are illustrated by kind permission of the Visitors of the Ashmolean Museum.

⁵⁰⁸ The attributions of specimens **274, 278-80, 373, 435** must be treated with caution.

⁵⁰⁹ The small-module Latin Imitations follow their large-module equivalents, while the hyperpyra of Andronicus II-Michael IX with transposed effigies precede the hyperpyra of Andronicus II-Michael IX with normal effigies.

⁵¹⁰ In *DOC IV* and *V*, *PCPC* (Bendall 1988a), Sear 1987, and Grierson 1982. An exception is *LPC* (Bendall-Donald 1979), where the authors reverted to calling the side of the coin showing the emperor the obverse.

⁵¹¹ This arrangement of obverse and reverse is used here primarily because inscriptions begin on the religious side and end on the imperial side. For instance, the basilicon of Class VIII of Andronicus II-Michael IX (**767**) has on the religious side the inscription $\overline{\text{IC}} \overline{\text{XC}} \text{KVPIE} \text{BOH}\theta\text{EI}$, which continues on the imperial side, $\text{AVTOKPATOPEC} \text{P}\omega\text{MAION}$. And the Constantinopolitan assarion of Class II of the same reign (**788**) has on the obverse the inscription $\text{KVPIE} \text{BOH}\theta\text{I}\overline{\text{ZCB}} \text{ACIA}$, followed by $\Delta\text{PON} \Delta\text{PONI}$ on the reverse.

⁵¹² **393, 637-43, 779, 888-9**.

⁵¹³ See Bendall 1984b, *PCPC*, 1995a.

Abbreviations used in the Catalogue

AE	copper
AR	silver
AV	gold
Bill.	billon
BN	Bibliothèque Nationale, Paris
C.	Constantine
c.	circa
colln.	collection
c-p	collar-piece
d	despot
div.	divitision
DOC IV	see Hendy 1999 in Select Bibliography
DOC V	see Grierson 1999 in Select Bibliography
El.	electrum
e./emp.	emperor
ex	from
fig.	figure
g	grams
gl. cr.	globus cruciger
H.	Helena
jewel.	jewelled
l.	left
LPC	see Bendall - Donald 1979 in Select Bibliography
mm	millimetres
no./nos.	number/numbers
obv.	obverse
PCPC	see Bendall 1988a in Select Bibliography
pl./pls.	plate/plates
prov.	provenance
r.	right
ref.	reference
rev.	reverse
s.	saint
sc.	sceptre
sc. cr.	sceptre cruciger
Sear	see Sear 1987 in Select Bibliography
simpl.	simplified
TE	transposed effigies
var.	variation/variety

Previous ownership and origins of the coins

The collection which forms this catalogue has a history of exceptional breadth and depth. It has been strengthened by a number of selected pieces, which were obtained from dealers throughout Europe and the USA, although the vendors generally had no information regarding where the coins originated. Moreover, a substantial proportion of the coins came from private collectors and scholars or from museums by exchange. Contributions were also made by various benefactors, who brought valuable supplements to the Byzantine series, turning the Ashmolean collection into an instrument of research and of teaching.

The following two lists give essential information about the modern and the historical sources of the coins. They are intended to be used as indexes to the provenances recorded in the Catalogue, and as a rough guide to the profile and background of the dealers, collectors, scholars and firms that have been involved.

A. List of previous owners, donors, and dealers

AMERICAN NUMISMATIC SOCIETY (ANS)

American repository for numismatics and research centre, which since its founding in 1858 has played an important role in the study and promotion of numismatics both in the USA and overseas. <http://www.amnumsoc.org>. **486**

BALDWIN, A.H. & SONS

Long-established London coin dealers since the 1890s. S. Bendall was for nineteen years (1968-87) a member of the firm. <http://www.baldwin.sh>. **2, 29, 38, 39, 110, 119, 136, 140-3, 205, 503, 642, 673, 676, 682, 684, 692, 696, 698, 701, 761, 776, 792-4, 802, 810, 813-4, 837, 839, 841, 872, 881, 901, 902, 987, 1011, 1023**

BANK AUFHÄUSER

A Munich private bank, now called Hauck & Aufhäuser, which has had a coin department since 1979. <http://www.hauck-aufhaeuser.de/numismatik>. **441, 660**

BANK LEU

A Zurich bank that opened a coin department in 1949. In 1992 the department was changed into a subsidiary of the Bank under the name 'Leu Numismatics Ltd', and in 2005 it became a completely independent company under the name 'LHS Numismatics Ltd'. www.LHS-Numismatik.com. **138, 480, 498, 506, 845, 897**

BATES, G.E.

American scholar and collector, who formed his collection in Turkey during the 1950s and 1960s. He published a catalogue of his collection in *A Byzantine Coin Collection* (Boston, Mass. 1981). He disposed of his collection the following year to the dealer Harlan J. Berk of Chicago. **242, 307**

BEASLEY, E.C.F.

A general collection, from which coins were bought in 1960. **11**

BEMENT, C.S.

An important American collector from Philadelphia (Pennsylvania). His collection of ancient coins was sold through Naville (Geneva) in auction VII, that lasted between 25 and 28 June 1928. **870**

BENDALL, S.

A first class numismatist with originality and wide knowledge. One of the first of the modern generation of collectors and a leading dealer of Byzantine coins. With the publication of his collection in *A Private Collection of Palaeologan Coins*, (Wolverhampton, 1988), he has contributed to the literature of Late Byzantine numismatics the first detailed treatment of Palaeologan coins. His coin collection is the nucleus around which that of the Ashmolean Museum of Late Byzantine coins has been formed. Since 1966 he has been writing articles on rare and Late Byzantine issues, bringing to light a number of new coins. **1, 26-7, 35, 40, 46, 49, 52, 56-7, 61-2, 66-7, 72, 74-9, 84-6, 89-90, 93-8, 103-5, 107-8, 118, 124, 128-35, 137-9, 161-3, 186-91, 193, 195-204, 209-14, 216-20, 224-35, 237-44, 247-61, 263-4, 266-76, 278-85, 291-312, 314-25, 327-35, 337-8, 341-8, 350-1, 354, 356-7, 359-62, 365-6, 368-403, 406-9, 411-2, 414-34, 438-43, 445-6, 448-58, 460-1, 463-4, 466-8, 470-502, 505-12, 514-44, 546-58, 560-610, 613-5, 618-33, 635-41, 643-70, 672, 675, 677-81, 683, 685-91, 693-5, 697, 699-700, 702-60, 762-4, 767-8, 770-1, 773-5, 777-87, 790, 795-801, 803-5, 807-9, 811-2, 815-6, 819-27, 829-31, 833-6, 838, 840, 843-6, 848-68, 870-1, 873-80, 882-7, 890-1, 894-900, 903-30, 932-75, 977-86, 988-1010, 1012-22, 1024-36, 1038-50, 1052-59, 1062, 1066-97, 1099-100, 1102-7, 1109-12, 1115-28**

BERK, H.J.

Important American dealer in Chicago for many years. **581**

BERTELÈ, T. (1892-1971)

Italian scholar and collector. Before the Second World War he had been in the diplomatic service in the former Yugoslavia, where he acquired most of his coins. He also spent some time in Istanbul. He sold the majority of his coins to Dumbarton Oaks (1956, 1960), and his descendants sold the balance of his collection in 1989, some of which were acquired by the Bibliothèque Nationale and some by S. Bendall. **470, 476, 580, 589, 621, 623, 668, 681, 694, 836, 844, 1093, 1127**

BOUCHIER, E.S.

His coins came by bequest to the Heberden Coin Room in 1930. **184, 207, 504**

BRAUN, B.

Minor American coin dealer in Buffalo, New York state, now deceased. All the coins listed in the Catalogue as being acquired from him come from the 'Peter and Paul' hoard. **24-5, 30-2, 34, 36, 41-5, 47-8, 50-1, 53-5, 58-9, 64-5, 68, 73, 80-3, 87-8, 91-2, 99-102, 106, 125-7, 192, 194, 221-3, 236, 245-6, 262, 273, 277-9, 337, 349, 352-3, 355, 358, 363, 367, 377, 404-5, 410, 413, 435, 462, 465, 1117**

BRIDGE, R.N.

A collector, who ran a travel agency. He sold his collection through Glendining's a few years before he died. After he had decided to sell his collection, he gave S. Bendall the few Palaeologan coins in his collection. **541, 796, 808**

CAHN, A.E.

Director of 'Münzen und Medaillen' in Basel (Switzerland). **861**

CASSAL, R.T.

His collection was sold by Glendining's in the late 1930s. **323**

CHESTER, REVD. GREVILLE T.

Revd. Greville made gifts to the Ashmolean at various dates in the late nineteenth century. **215, 286, 765, 769, 772, 1037**

CLASSICAL NUMISMATIC GROUP (CNG)

American coin dealers since 1975 operating from Lancaster (Pennsylvania) under Victor England. <http://www.cngcoins.com>. **1051, 1060-1, 1063-65**

DUMBARTON OAKS

A scholarly institution in Byzantine humanities founded by Mildred and Robert Woods Bliss, who in 1940 donated their Georgetown house and gardens together with their collection of Byzantine art objects and library to the Trustees of Harvard University. The teaching collection of Byzantine coins was assembled essentially between 1947 and 1960. In 1950 the collection of the archaeologist Thomas Whittemore was bequeathed to Harvard. Although in the series of Dumbarton Oaks Byzantine Collection Publications both the Dumbarton Oaks and the Whittemore collections appear, the Whittemore collection is now kept in the Fogg Art Museum in Cambridge, Mass, and only duplicates from it are deposited at Dumbarton Oaks on permanent loan. Dumbarton Oaks exchanged with S. Bendall their duplicates for his duplicates; most, if not all, of these exchanged coins came from the Bertelè collection. Dumbarton Oaks does no longer make exchanges. <http://www.doaks.org>. **188, 321, 342, 580, 589, 594, 621, 668, 836**

EVANS, A.

Sir Arthur Evans, Keeper of the Ashmolean Museum (1884-1908), on his death in 1941 bequeathed more than 10,000 coins to the Ashmolean. **12, 437, 469, 817, 931; fund: 70, 265, 326, 336, 339-40, 364, 444, 447, 545, 671, 674, 869, 888-9, 892-3**

FAIMALI

An Italian travel agent, who in the 1970s dealt in coins as a hobby. **98**

FALKINER, R.

A friend of the Heberden Coin Room. **1098, 1101, 1108**

FOREIGN PRINCE (Prince Cantacuzene)

Collection of Byzantine coins formed in the seventeenth and eighteenth centuries by the Cantacuzenes, a noble Greek family resident in Moldavia. The gold and silver coins, catalogued by Spink, were sold through Glendining's on 8 December 1922, while the copper coins were sold by Spink to Lord Grantley. **276, 369**

GLENDINING & CO.

Old established coin auctioneers in London since the 1940s. In 2001 Glendining's was incorporated by Bonhams auctioneers. <http://www.bonhams.com>. **210, 323, 493, 689, 766, 815, 818**

GODWYN, C.

Revd. Charles Godwyn bequeathed his coins to the Ashmolean in 1770. **208**

GOODMAN

American dealer and collector living in Geneva in the 1970s. **805, 891**

GORNY

Coin dealers and auctioneers operating since 1978 from Munich. The company subsequently changed its name to 'Gorny & Mosch'. **137**

GRANTLEY, LORD (1855-1943)

An English landowner and collector, who formed a collection of some 50,000 ancient, medieval and modern coins, which were sold by Glendining's in eleven sales at the end of the Second World War (1943-5). Every lot contained many coins, often as many as forty or fifty. Many of his Late Byzantine coins were from the collection of Prince Cantacuzene (Foreign Prince). The Ashmolean collection contains Byzantine coins from the eleventh sale. **70, 265, 276, 281, 294, 326, 336, 339-40, 364, 369, 444, 447, 545, 587, 596, 642, 670-1, 674, 869, 872, 881, 888-9, 892-3, 901-2, 987, 1011, 1023**

HALL, H.P.

Collector, whose collection was sold through Glendining's in the 1950s. **818**

HAY, G.M.R.

Self-employed coin dealer. **232**

HENDY, M.F.

Byzantinist, who first worked in the coin department of the Fitzwilliam Museum in Cambridge, and then as a curator of the P.D. Whitting collection at the Barber Institute of Birmingham University, and as visiting fellow and associate advisor in Byzantine numismatics at Dumbarton Oaks. Author of *Studies in the Byzantine Monetary Economy c. 300-1450* (Cambridge, 1985) and of the *Catalogue of the Byzantine Coins in the Dumbarton Oaks Collection and in the Whittemore Collection* (Washington D.C., 1999), a revisionist successor to his own *Coinage and Money in the Byzantine Empire 1081-1261*, Dumbarton Oaks Studies 12, Washington D.C. 1969. **459**

ILISCH, L.

Leading German expert in Islamic coins who worked for a north German dealer and then briefly for Münzen und Medaillen in Basel. He is now curator of the Islamic coins at the Oriental department of Tübingen University. **255, 790**

KRAAY, C.M.

Keeper of the Heberden Coin Room (1975-82), now deceased. **634**

LONDON STAMP EXCHANGE

Dealer in coins, medals and stamps in London near Charing Cross. It closed in the late 1980s. <http://www.londonstamp.ex.com>. **446**

MABBOTT, T.O.

A keen collector, a professor of English and an expert on the works of Edgar Allen Poe. He had many extremely interesting coins, often in poor condition, a number of which were misidentified in the catalogues of his sales. **418**

MALLOY, A.

Minor dealer in the suburbs of New York. **856**

MELLON, P.

A Greek who formed his collection in Istanbul. His coins were acquired by Bank Leu, who sold some in the Leu Auction 13 (1975) and others through their stock. **138, 228, 251-2, 310, 360, 452, 457, 498, 506, 550, 585, 598, 646, 821, 845, 896-7**

METCALF, D.M.

An excellent scholar far ahead of his time and Keeper of the Heberden Coin Room (1982-1998), who contributed to the growth of the Byzantine coin collection. His research pointed the way and many eminent scholars followed in his footsteps, because his *Coinage in the Balkans 820-1355* (Thessalonica, 1965), which was the precursor to his *Coinage in South-Eastern Europe 820-1396* (London, 1979), shifted the emphasis to an un-worked field of study, monetary history. His novelty lay in the fact that he tabulated a mass of evidence from hoards in his attempt to interpret as correctly as possible the numismatic evidence, and to assess the commercial, military, and other uses of money in his area of study. **10, 17-23, 111-7, 120-3**

MILAS

A Greek doctor living in Istanbul, where he formed his collection. In early 1970s he emigrated to Athens, where he sold his coins to a Greek collector. **522**

MILNE, J.G. (1867-1951)

A scholar in the fields of Numismatics and Egyptology, and the Deputy Keeper of the Heberden Coin Room (1931-1938). **513**

MÜNZEN UND MEDAILLEN (M & M)

A firm of coin dealers and auctioneers in Basel (Switzerland) which was created in 1942 under the name Münzhandlung. Today there are also branches in Germany (Weil am Rhein) and in the USA (Washington DC). <http://www.muenzenundmedaillendeutschland.de>. **791**

NUMISMATIC FINE ARTS (NFA)

NFA was originally the trading name of Edward Gans, who sold the name on his retirement. The revived company was founded by Bruce McNall until it collapsed in 1994. **586**

O'HARA, M.D.

A collector of Byzantine coins, who worked for about two years for a coin dealer, 'D.J. Crowther', which later, after O'Hara had left, became 'Coins and Antiquities'. He disposed of his Byzantine bronze and silver coins in the mid-1970s, in order to focus on collecting Byzantine gold coins. **237, 247, 345, 431-2, 474, 526, 569, 597, 645**

OMAN, C.W.C.

Collector. **842**

PAPPADOPOULOS

Greek consul general in Istanbul in the early 1970s. **483**

RATTO, R. (1864-1949)

A coin dealer in Milan. The Ratto sale of Byzantine coins, whose catalogue was published (*Monnaies byzantines et d'autres pays contemporaines à l'époque byzantine*, Lugano, 1930; repr. Amsterdam 1959), was the first specific sale of Byzantine coins since the Photiades Pasha sale in the 1890s (which was not actually sold in auction, even though the catalogue was published, as the collection was purchased privately by the Hermitage before the auction). **622, 899**

RHODES, N.

English collector of Oriental and Islamic coins, and treasurer of the Royal Numismatic Society. **779, 819**

ROPER, I.T.

English collector. Many of his coins, which he sold in November 1975, were illustrated in the first edition (1974) of Seaby's *Standard Catalogue of Byzantine Coins and their Values*. **130, 272, 482, 505, 514, 525, 563-4, 590, 615, 618-20, 638, 649, 657, 782, 1007-8, 1020**

SABIN GALLERIES

English antique dealers since 1963. **11, 69, 289-90, 313, 559, 612, 788**

SALIS (de) J.F.W. (1825-1871)

Byzantinist, scholarly collector and numismatist, working in, but not employed by the Department of Coins and Medals of the British Museum. By 1855 he had formed an important collection of Greek, Roman, Byzantine and Swiss coins, which are now in the British Museum. **320**

SCHULMAN, J.

An important firm of coin dealers and auctioneers in Amsterdam since the late nineteenth century which ceased trading several years ago. **438**

SEPHERIADES, E.

Greek coin dealer and founder member of the International Association of Professional Numismatists (IAPN) in 1951. **304**

SLOCUM, J.J.

American diplomat and collector, specialized in Crusader and Islamic coins. **418**

SPINK

Leading auction house in London since 1666. Spink has been publishing since 1892 the *Numismatic Circular*, which is the oldest established periodical of its kind today. S. Bendall was a member of the firm from 1965-68 and from 1996-2000, and is still a consultant. <http://www.spink.com>. **3-9, 14-5, 109, 144-51, 154-60, 164-83, 185, 1113-4**

STERNBERG, F.

Dealers and auctioneers in Zurich. **505, 597**

STEWART, J.R.

Australian archaeologist working in Cyprus for several years after the Second World War. **13, 436**

SUBAK, C.H.

Coin dealer in Chicago, and benefactor of the Heberden Coin Room. **617**

VECCHI, I.

Together with his brother, Paul, Italo Vecchi set up a coin business. At that time he held several auctions at the auction house of Bohnams under the name Bohnam-Vecchi. Then, he accepted an offer to run the coin department of the Swiss Credit Bank in Berne. When the coin department closed, he returned to London. There he set up his company until 2000, when he joined the Classical Numismatic Group as the managing director in Europe. **424**

WADDINGTON, H.

The collection of Horace Waddington was presented to University College in Oxford by Mrs. Waddington in 1932, and was deposited in the Ashmolean on loan in the same year. **206**

WALKER, D.R.

Oxford scholar and publisher (B.A.R.), who bequeathed his coin collection to the Ashmolean, in 1991. **136, 205, 503, 766, 776, 847, 976**

WELLER, H.

American amateur coin dealer basically resident in Turkey and active from the mid-1960s until c. 1990. **37, 60, 529, 548, 554, 558, 583, 601, 610, 616, 637, 641, 643, 665**

WINFIELD, D.

An academic expert in Byzantine architecture, who worked on church restoration in Trebizond in the 1960/1970s, when he acquired a small collection of interesting coins found locally. **595, 1005, 1017**

ZACOS, G. (1911-1983)

Byzantinist and dealer, who started in the bazaar in Istanbul and became a leading coin and antiquity dealer. From Turkey, he moved to Basel in Switzerland, where S. Bendall knew him in the 1970s and early 1980s. When in Istanbul, he had put aside Byzantine copper coins in reasonable condition, which he always meant to work upon in his retirement, but he was also collecting Byzantine lead seals. In the end he decided to concentrate on the seals, and he sold his Byzantine coins. Strangely, most of the coins in the *Numismatic Circular* articles of Veglery and Zacos belonged to Veglery. **46, 229-30, 266, 454, 460, 524, 527-8, 531, 538, 540, 543, 546-7, 560, 567, 654, 795, 801, 804, 865, 866, 884, 1021-2**

B. List of hoards

AGRINION, Agrinio or environs, 1977/1978

Burial: 1240. *295 (out of 310) AV: hyperpyra*
John II (1118-1143), 3; Manuel I (1143-1180), 7; Andronicus I (1183-1185), 2; Isaac II (1185-1195), 18; Alexius III (1195-1203), 23; John III (1222-1254), 242.
Reference: Metcalf 1980, pp. 113-31, pls. 15-20. **197, 201-2, 204**

BENDALL/1979, unknown provenance

Burial: c. 1425-1448 *9 AR: 1/2 stavrata.*
Manuel II (1391-1425), 5; John VIII (1425-1448), 4.
Other finds: Islamic silver coins.
References: Bendall 1979c, p. 441.
Touratsoglou 1985, pp. 1105, 1106-7. **922, 928, 940**

BERGAMA (II), environs of Bergama

Burial: 1270s (after 1272) *18 AE: stamena*
Michael VIII (1259-1282), 12; Michael VIII-Andronicus II (1272-1282), 6.
References: Grierson 1999, pp. 13, 118, table 8.
Weller 1969, pp. 235-46. **570, 613-4, 616**

CONSTANTINE XI, in or near Istanbul, 1990

Burial: c. 1448-1453 *158 AR: 59 stavrata, 11 1/2 stavrata, 88 1/8 stavrata*
John V (1341-1391), 2 1/8 stav.; John VII (1390), 3 1/8 stav.; Manuel II, (1391-1425), 12 1/8 stav.; Manuel II or John VII, 4 1/8 stav.; John VIII (1425-1448), 46 (24 stav., 6 1/2 stav., 16 1/8 stav.); Constantine XI (1449-1453), 90 (35 stav., 5 1/2 stav., 50 1/8 stav.); John VIII or Constantine XI, 1 1/8 stav.
Reference: Bendall 1991, pp. 134-42. **1052, 1055-7, 1059, 1062, 1076, 1081-5, 1089, 1092, 1095**

GORLU, east of Edirne (Adrianople), 1981/1982

Burial: 1437-1444 *1899 AR: 1169 stavrata, 686 1/2 stavrata, 44 1/8 stavrata*
John V, 2 1/8 stav.; John VII (1399-1402), 31 (19 1/2 stav., 12 1/8 stav.); Manuel II (1391-1423), 225 (19 stav., 191 1/2 stav., 15 1/8 stav.); John VIII (1423-1448), 1641 (1150 stav., 476 1/2 stav., 15 1/8 stav.).
Other finds: 2500 Ottoman aches.
References: Bendall 1988a, pp. 79-80.
Idem 1991, pp. 136, 138-9. **905, 907-16, 918, 930, 936-7, 944, 950, 955, 959-61, 964-8, 970, 972-4, 977-8, 980-1, 984, 1051, 1060-1, 1063-5, 1086-8, 1090-1**

ISTANBUL (VII), environs of Istanbul, 1981

Burial: c. 1305 *c. 188 (larger hoard?) AV: hyperpyra*
John III (1222-1254), 14; Michael VIII (1259-1282), 48; Andronicus II (1282-1294), 40;
Andronicus II-Michael IX (1294-1320), 86.
Reference: Bendall 1982a, pp. 66-82, pls. 13-20. **485, 488-91, 494, 497-8, 503, 629, 707, 711, 713-5, 722, 726-7, 743, 750**

PELLA, in or near Pella, mid. 1960s

Burial: late 1350s *8 AE: 2 assaria, 6 stamena*
Andronicus III (1328-1341), 1 assarion; John V-Anna of Savoy (1352-1365), 7 (1 assarion, 6 stamena).
References: Grierson 1999, p. 16.
Bendall – Nicol, 1977, pp. 87, 97-9, pl. 9.
Bendall 1984e, pp. 144, 156.
Protonotarios 1990, pp. 119-28, pls. 14, 15.
Morrisson 2003, p. 195. **868**

PETER AND PAUL

Burial: ¾ 13th c. *1120 bill.: aspra trachea*
Imitative coinage of the period of the Asenid Tsars of Bulgaria (c. 1195-), 77; Latin Imitations, 951 (*Recte* 952); Theodore I (1204/5-1222), 5 (*Recte* 3); John III (1222-1254), 10 (*Recte* 15); Theodore II (1254-1258), 4 (*Recte* 0); Theodore Comnenus-Ducas (1224-1230), 10; Manuel Comnenus-Ducas (1230-1237), 42; John Comnenus-Ducas (1237-1242), 9; John III/Thessalonica (1246-1254), 8; Uncertain, 4.
Reference: Metcalf 1973, pp. 144-72. **24-5, 30-2, 34, 36, 41-5, 47-8, 50-1, 53-5, 58-9, 64-5, 68, 73, 80-3, 85-8, 91-3, 96, 99-102, 106, 125-6, 127, 192, 194, 221-3, 236, 245-6, 262, 273, 277-80, 337, 349, 352-3, 355, 358, 363, 367, 377, 402, 404-5, 410, 413, 435, 462, 465, 1117, 1122**

THESSALONICA (VII), 2001

Burial: 1325-1328 *146/147 (larger hoard) AE: 123/124 stamena; 23 assaria*
Michael VIII (1258-1272), 1 stamenon; Michael VIII-Andronicus II (1272-1282), 1 stamenon; Andronicus II (1282-1294), 8: 5 stamena, 3 assaria; Andronicus II-Michael IX (1294-1320), 27 stamena; Andronicus II (1320-1325), 82 stamena; Andronicus III (1328-1341), 20 assaria; Uncertain, 3 stamena; New Types, 4-5 stamena.
Reference: Bendall 2001, pp. 255-77, pls. 45-50. **602, 669, 680**

THRACIAN PLAIN or Thessalonica environs, 1975/1976

Burial: c. 1240-1260

552 bill.: *aspra trachea*

Direct Copies, 21; Latin Imitations, 283; Theodore I (1204/5-1222), 1; John III (1222-1254), 3; Andronicus I/Trebizond (1222-1235), 1; Theodore Comnenus-Ducas (1224-1230), 4; Manuel Comnenus-Ducas (1230-1237), 70; John Comnenus-Ducas (1237-1244), 115; Uncertain: 54. Other finds: 1 coin of Ivan II Asen (1218-1241).

Reference: Bendall 1978a, pp. 105-15. **84, 98, 350, 354, 362, 365-6, 372, 374-6, 378-86, 390-401, 403, 406-9, 411, 414-5, 417, 421, 424-6, 430-2, 466, 1120**

TURKISH, possibly from Nicaean territory, 1967

Burial: c. 1215-1220

245 bill.: *aspra trachea*

Manuel I (1143-1180), 45; Isaac II (1185-1195), 47; Alexius III (1195-1203), 73; Latin Imitations, 25; Theodore I (1204/5-1222), 55.

Reference: Metcalf 1976-78, pp. 55-70. **3-9, 14-5, 109, 144-51, 154-60, 164-83, 185, 1113-4**

YENIMAHALLE, environs of Istanbul, before 1967

Burial: c. 1215-1225

152 bill.: *aspra trachea*

Isaac II (1185-1195), 1; Alexius III (1195-1203), 1; Latin Imitations, 150.

Reference: Hendy 1969, p. 401. **1-2, 26-7, 29, 107, 110, 118-9, 124, 1106**

Bibliographic abbreviations

AAA	<i>Αρχαιολογικά Ανάλεκτα ἐξ Αθηνών</i>
AJN	<i>American Journal of Archaeology</i>
ANSMN	<i>(American Numismatic Society) Museum Notes</i>
Αρχ. Δελτ.	<i>Αρχαιολογικό Δελτίο</i>
BABesch	<i>Bulletin Antieke Beschaving</i>
CNA	<i>Cronica numismatică și arheologică</i>
DOP	<i>Dumbarton Oaks Papers</i>
DOS	<i>Dumbarton Oaks Studies</i>
ΔΧΑΕ	<i>Δελτίο της Χριστιανικής Αρχαιολογικής Εταιρείας</i>
HBN	<i>Hamburger Beiträge zur Numismatik</i>
IAI	<i>Izvestija na Archeologičeski Institut (= Bulletin de l'Institut archéologique, Sofia)</i>
JIAN	<i>Journal international d'archéologie numismatique</i>
NC	<i>Numismatic Chronicle</i>
NCirc	<i>Spink's Numismatic Circular</i>
REB	<i>Revue des études byzantines</i>
RIN	<i>Rivista italiana di numismatica</i>
RN	<i>Revue numismatique</i>
SCN	<i>Studii și cercetări de numismatică</i>
SM	<i>Schweizer Münzblätter</i>

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CATALOGUE

Latin Empire (1204-1261)

Constantinople

Billon Trachy, Billon

Obv.: $\overline{\text{MP}}$ $\overline{\text{ΘV}}$ in upper field. Virgin seated upon throne with back; holds beardless, nimbate head of Christ on breast.

Rev.: ΜΑΝΟΥΗΛ – ΔΕΣΠΟΤΗΣ or ΜΑΝΟΥΗΛ – ΠΟΡΦΥΡΟΓΕΝ Full-length figure of emperor wearing stemma, div. and chlamys; r. hand labarum on long shaft; l. hand anexikakia.

Sear 2021; *DOC IV*, Type A, pl. XLVIII, 1

- 1 31 mm / 3.94 g / 6 o'clock
Obv.: $\overline{\text{MP}}$
Ref.: *DOC IV*, pl. XLVII, 1.9.
Prov.: Bendall colln., from Yenimahalle hoard



- 2 29 mm / 3.33 g / 6 o'clock
Obv.: $\overline{\text{MP}}$ – Θ
Ref.: Metcalf 1983, pls. 27, 29, no. 626 (*this coin*); idem 1995, pls. 34, 36, no. 814 (*this coin*).
Prov.: Old Ashmolean colln., from Baldwin May 1969, from Yenimahalle hoard



- 3 29 mm / 3.20 g / 6 o'clock
Obv.: $\overline{\text{MP}}$ – $\overline{\text{ΘV}}$
Ref.: Metcalf 1983, pl. 27, no. 627 (*this coin*); idem 1995, pl. 34, no. 815 (*this coin*); idem 1976-78, p. 65, specimen 166 (*this coin*); Lianta 2006a, fig. 1 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 4 30 mm / 3.64 g / 6 o'clock
Obv.: $\overline{\text{MH}}$ – Θ
Rev.: Δ/EC on r.
Ref.: Metcalf 1983, pl. 27, no. 628 (*this coin*); idem 1995, pl. 34, no. 816 (*this coin*); idem 1976-78, p. 65, specimen 167 (*this coin*); Lianta 2006a, fig. 2 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



5 30 mm / 3.75 g / 6 o'clock
Obv.: ΜΡ
Rev.: ΔΣΣΠΟΤΗ on r.
Ref.: Metcalf 1983, pl. 27, no. 629 (*this coin*); idem 1995, pl. 34, no. 817 (*this coin*); idem 1976-78, p. 65, specimen 169 (*this coin*); Lianta 2006a, fig. 3 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



6 30.5 mm / 3.94 g / 6 o'clock
Ref.: Metcalf 1983, pl. 27, no. 630 (*this coin*); idem 1995, pl. 34, no. 818 (*this coin*); idem 1976-78, p. 65, specimen 170 (*this coin*); Lianta 2006a, fig. 4 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



7 26 mm / 2.23 g / 6 o'clock
Ref.: Metcalf 1983, pl. 28, no. 631 (*this coin*); idem 1995, pl. 35, no. 819 (*this coin*); idem 1976-78, p. 65, specimen 174 (*this coin*); Lianta 2006a, fig. 5 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



8 27 mm / 2.30 g / 6 o'clock
Rev.: Δ on r.
Ref.: Metcalf 1983, pl. 28, no. 632 (*this coin*); idem 1995, pl. 35, no. 820 (*this coin*); idem 1976-78, p. 65, specimen 177 (*this coin*); Lianta 2006a, fig. 6 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



9 28 mm / 1.94 g / 6 o'clock
Rev.: ΟΤΗC on r.
Ref.: Metcalf 1983, pl. 28, no. 633 (*this coin*); idem 1995, pl. 35, no. 821 (*this coin*); idem 1976-78, p. 65, specimen 175 (*this coin*); Lianta 2006a, fig. 7 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



10 27 mm / 2.27 g / 6 o'clock
Rev.: MAN – IC
Ref.: Metcalf 1983, pl. 28, no. 634 (*this coin*); idem 1995, pl. 35, no. 822 (*this coin*).
Prov.: Old Ashmolean colln., ex Metcalf 1982 (gift), from Attic hoard



11 24.5 mm / 2.98 g / 6 o'clock
Obv.: ΘΧ on r.
Ref.: Metcalf 1983, pl. 28, no. 635 (*this coin*); idem 1995, pl. 35, no. 823 (*this coin*).
Prov.: Old Ashmolean colln., from Sabin Galleries 1960, from C.F. Beasley colln.



As last, but small module.

Sear 2044; *DOC* IV, Type A, pl. LII, 30

12 23.5 mm / 2.27 g / 6 o'clock
Rev.: Π on r.
Ref.: Metcalf 1983, pl. 28, no. 638 (*this coin*); idem 1995, pl. 35, no. 826 (*this coin*).
Prov.: Old Ashmolean colln., from Evans bequest 1941



13 22.5 mm / 1.68 g / 6 o'clock
Ref.: Metcalf 1995, pl. 35, no. 835 (*this coin*).
Prov.: Old Ashmolean colln., from Stewart colln. 1983



14 24 mm / 1.32 g / 6 o'clock
Ref.: Metcalf 1983, pl. 28, no. 636 (*this coin*); idem 1995, pl. 35, no. 824 (*this coin*); idem 1976-78, p. 65, specimen 178 (*this coin*); Lianta 2006a, fig. 8 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



15 23 mm / 1.34 g / 6 o'clock
Obv.: ΘV
Ref.: Metcalf 1983, pl. 28, no. 637 (*this coin*); idem 1995, pl. 35, no. 825 (*this coin*); idem 1976-78, p. 65, specimen 179 (*this coin*); Lianta 2006a, fig. 9 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



16 23 mm / 1.73 g / 6 o'clock
Ref.: Metcalf 1983, pl. 28, no. 639 (*this coin*);
idem 1995, pl. 35, no. 827 (*this coin*).
Prov.: Old Ashmolean colln., from Cameron
bequest 1948



17 24 mm / 1.98 g / 6 o'clock
Obv.: ΠΡ
Rev.: CCΠIII on r.
Ref.: Metcalf 1983, pl. 28, no. 640 (*this coin*);
idem 1995, pl. 35, no. 828 (*this coin*).
Prov.: Old Ashmolean colln., ex Metcalf 1982
(gift), from Thessaly hoard



18 25 mm / 1.56 g / 6 o'clock
Obv.: O
Ref.: Metcalf 1983, pl. 28, no. 641 (*this coin*);
idem 1995, pl. 35, no. 829 (*this coin*).
Prov.: Old Ashmolean colln., ex Metcalf 1982
(gift), from Thessaly hoard



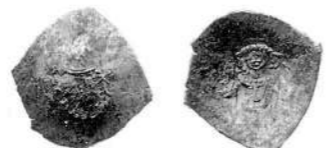
19 21 mm / 1.77 g / 6 o'clock
Obv.: Θ
Ref.: Metcalf 1983, pl. 28, no. 642 (*this coin*);
idem 1995, pl. 35, no. 830 (*this coin*).
Prov.: Old Ashmolean colln., ex Metcalf 1982
(gift), from Thessaly hoard



20 19.9 mm / 1.46 g / 6 o'clock
Ref.: Metcalf 1983, pl. 28, no. 643 (*this coin*);
idem 1995, pl. 35, no. 831 (*this coin*).
Prov.: Old Ashmolean colln., ex Metcalf 1982
(gift), bought in Athens 1959



21 20 mm / 1.40 g / 6 o'clock
Ref.: Metcalf 1983, pl. 28, no. 644 (*this coin*);
idem 1995, pl. 35, no. 832 (*this coin*).
Prov.: Old Ashmolean colln., ex Metcalf 1982
(gift), bought in Athens 1963



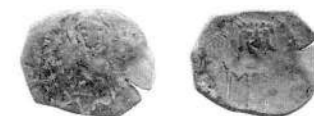
22 20.2 mm / 2.16 g / 6 o'clock
Rev.: NV on l.
Ref.: Metcalf 1983, pl. 28, no. 645 (*this coin*);
idem 1995, pl. 35, no. 833 (*this coin*).
Prov.: Old Ashmolean colln., ex Metcalf 1982
(gift), bought in Athens 1963



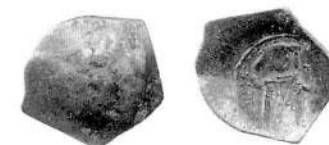
23 20.5 mm / 0.97 g / 6 o'clock
Ref.: Metcalf 1983, pl. 28, no. 646 (*this coin*);
idem 1995, pl. 35, no. 834 (*this coin*).
Prov.: Old Ashmolean colln., ex Metcalf 1982
(gift), bought in Athens 1963



24 20 mm / 1.64 g / 6 o'clock
Ref.: Metcalf 1983, pl. 28, no. 647 (*this coin*);
idem 1995, pl. 35, no. 836 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun
(Ancient Arts) 31/12/1969, from Peter and
Paul hoard



25 20 mm / 0.84 g (clipped) / 6 o'clock
Obv.: Brockage of the reverse.
Rev.: Pseudo-inscription of dots on l.
Ref.: Metcalf 1983, pl. 28, no. 648 (*this coin*);
idem 1995, pl. 35, no. 837 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun
(Ancient Arts) 31/12/1969, from Peter and
Paul hoard



Obv.: ΙC X C in upper field. Christ, bearded and nimbate, seated upon throne with back;
holds Gospel in l. hand.

Rev.: ΜΑΝΟΒΗΛ – ΔΕΣΠΟΤΗΣ or ΜΑΝΟΒΗΛ – ΠΟΡΦΥΡΟΓΕΝ Full-length
figure of emperor wearing stemma, div. and chlamys; r. hand sword resting on ground;
l. hand gl. cr.

Sear 2022; *DOC IV*, Type B, pl. XLIX, 2

26 34 mm / 4.25 g / 6 o'clock
Obv.: C – X
Rev.: ΙΙΙΒΗΛ – ΠΟΒΙΙ
Prov.: Bendall colln., from Yenimahalle hoard



27 32 mm / 4.18 g / 6 o'clock
Obv.: ΙC
Rev.: ΙΙΙΟΤΙC – ΜΑΝΟΒ
Ref.: *DOC IV*, pl. XLIX, 2.7-2.9; Bendall
1984d, p. 78, no. 3 (*this coin*).
Prov.: Bendall colln., from Yenimahalle hoard



- 28 32.5 mm / 4.11 g / 6 o'clock
Rev.: ΜΙ...VΗΛ – ΔΕΣΠΤΙ
Ref.: Metcalf 1983, pl. 28, no. 649 (*this coin*);
idem 1995, pl. 35, no. 838 (*this coin*).
Prov.: Old Ashmolean colln., from F. Douce
bequest 1834



- 29 35 mm / 3.01 g / 6 o'clock
Rev.: ΔΕΣΤΗ – ΙΙΟΥVΗΛ
Ref.: Metcalf 1983, pl. 28, no. 650 (*this coin*);
idem 1995, pl. 35, no. 839 (*this coin*).
Prov.: Old Ashmolean colln., from Baldwin
May 1969, from Yenimahalle hoard



- 30 20 mm / 0.92 g (clipped) / 6 o'clock
Obv.: IC
Rev.: ΟΤΙC – ΜΛΙΟΙ
Ref.: Metcalf 1983, pl. 29, no. 651 (*this coin*);
idem 1995, pl. 36, no. 840 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun
(Ancient Arts) 31/12/1969, from Peter and
Paul hoard



- 31 25 mm / 2.13 g / 6 o'clock
Rev.: NNANNN on r.
Ref.: Metcalf 1983, pl. 29, no. 652 (*this coin*);
idem 1995, pl. 36, no. 841 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun
(Ancient Arts) 31/12/1969, from Peter and
Paul hoard



As last, but small module.

Sear 2045; *DOC IV*, Type B, pl. LIII, 31

- 32 22 mm / 1.65 g / 6 o'clock
Obv.: C – X
Rev.: III on r.
Ref.: Metcalf 1983, pl. 29, no. 653 (*this coin*);
idem 1995, pl. 36, no. 842 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun
(Ancient Arts) 31/12/1969, from Peter and
Paul hoard



- 33 20 mm / 0.97 g / 6 o'clock
Rev.: Λ on l.
Ref.: Metcalf 1983, pl. 29, no. 654 (*this coin*);
idem 1995, pl. 36, no. 843 (*this coin*).
Prov.: Old Ashmolean colln., from Cameron
bequest 1942



Obv.: ΜΡ ΘV in upper field. Virgin, seated upon throne with back; holds beardless,
nimbate head of Christ on breast.
Rev.: ΑΛΕΞΙΟC ΔΕCΠΟΤ Emperor seated upon throne without back, wearing
stemma, div., c-p, and panelled loros of simpl. type; r. hand labarum-headed sceptre; l.
hand anexikakia. *Manus Dei* in upper field.
Sear 2023; *DOC IV*, Type C, pl. XLIX, 3

- 34 23 mm / 1.34 g (clipped) / 6 o'clock
Rev.: ΔC...ΠΟΤΙC on r.
Ref.: *DOC IV*, pl. XLIX, 3.1.
Prov.: Old Ashmolean colln., from B. Braun
(Ancient Arts) 31/12/1969, from Peter and
Paul hoard



Obv.: IC XC in field. Bust of Christ, beardless and nimbate; holds scroll in l. hand.
Pellet in each limb of nimbus cross.
Rev.: ΜΑΝΟVΗΛ – ΔΕCΠΟΤΗC Full-length figure of emperor wearing stemma, div.,
c-p, jewel. loros of simpl. type, and sagion; r. hand sc. cr.; l. hand gl. cr.
Sear 2024; *DOC IV*, Type D, pl. XLIX, 4

- 35 29.8 mm / 3.58 g / 6 o'clock
Obv.: IC – X
Rev.: Μ – CΣΠΟΤ
Ref.: *DOC IV*, pl. XLIX, 4.2.
Prov.: Bendall colln.



- 36 23.5 mm / 1.62 g (clipped) / 6 o'clock
Obv.: IC – X
Rev.: Μ – Δ
Ref.: Metcalf 1973, pl. 8, no. 12 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun
(Ancient Arts) 31/12/1969, from Peter and
Paul hoard



- 37 30.5 mm / 4.12 g / 5 o'clock
Prov.: Old Ashmolean colln., ex H. Weller Apr. 1968



- 38 28 mm / 2.57 g / 6 o'clock
Rev.: ...OTH on r.
Prov.: Old Ashmolean colln., from Baldwin 1976



- 39 27 mm / 3.28 g / 6 o'clock
Obv.: $\overline{\text{C}} - \overline{\text{XC}}$
Rev.: ...IC on r.
Prov.: Old Ashmolean colln., from Baldwin 1976



Obv.: $\overline{\text{C}} - \overline{\text{XC}}$ in field. Bust of Christ, beardless and nimbate; holds scroll in l. hand. Pellet in each limb of nimbus cross.

Rev.: ΜΑΝΟΥΗΛ - ΔΕΣΠΟΤΗΣ Full-length figure of emperor wearing stemma, div., c-p, jewel. loros of simpl. type, and sagion; r. hand labarum-headed sceptre; l. hand globus surmounted by patriarchal cross.

Sear 2025; *DOC IV*, Type E, pl. XLIX, 5

- 40 29.9 mm / 4.40 g / 6 o'clock
Obv.: $\overline{\text{C}} - \overline{\text{X}}$
Rev.: ...OT on l.
Prov.: Bendall colln.



- 41 25 mm / 2.41 g / 6 o'clock
Obv.: $\overline{\text{C}} - \overline{\text{XC}}$
Rev.: ...ΙΟ -...Π
Ref.: Metcalf 1973, pl. 8, no. 15 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 42 24 mm / 2.09 g / 6 o'clock
Obv.: Christ holds scroll (?) in l. hand.
Ref.: Metcalf 1973, pl. 8, no. 16 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 43 23 mm / 2.71 g / 6 o'clock
Type E or K
Obv.: Christ holds scroll or Gospel in l. hand.
Ref.: *DOC IV*, pl. XLIX, 5 or pl. L, 11; Sear 2025 or 2031; Metcalf 1973, pl. 8, no. 17 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: $\overline{\text{C}} - \overline{\text{XC}}$ in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction, holds Gospel in l.

Rev.: (ΜΑΝΟΥΗΛ ΔΕΣΠ?) Full-length figure of emperor on l., crowned by Virgin, nimbate. Emperor wears stemma, div. and chlamys; r. hand labarum on long shaft; l. hand anexikakia.

Sear 2026; *DOC IV*, Type F, pl. XLIX, 6

- 44 21.5 mm / 1.52 g (clipped) / 6 o'clock
Obv.: $\overline{\text{XC}}$
Rev.: ΜΡΟC on r.
Ref.: Metcalf 1973, pl. 8, no. 18 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 45 22 mm / 1.29 g (clipped) / 6 o'clock
Rev.: || || || ||
Ref.: Metcalf 1973, pl. 8, no. 20 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: ΜΡ ΘV in upper field. Virgin nimbate, seated upon throne with back; holds beardless nimbate head of Christ on breast.

Rev.: ΜΑΝΟΥΗΛ (ΔΕΣΠ?) Full-length figure of emperor on l., and of beardless, nimbate military saint; between them labarum on long shaft. Emp. wears stemma, div. and chlamys; hand sc. cr. Saint wears short military tunic and sagion; l. hand jewelled sc.

Sear 2027; *DOC IV*, Type G, pl. XLIX, 7

- 46 30.5 mm / 4.03 g / 6 o'clock
Ref.: Sear 2027 (*this coin*).
Prov.: Bendall colln., from G. Zacos colln.



- 47 21.5 mm / 1.42 g / 6 o'clock
Ref.: Metcalf 1973, pl. 8, no. 22 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 48 24 mm / 2.81 g / 6 o'clock
Rev.: A on l.
Ref.: Metcalf 1973, pl. 8, no. 21 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: ΜΡ ΘV in upper field. Virgin nimbate, seated upon throne with back; holds beardless nimbate head of Christ on breast.

Rev.: ΑΝΔΡΟΝΙΚΟΣ ΔΕΣΠΟΤΗΣ . IC XC in upper r. field. Full-length figure of emperor on crowned by Christ, bearded and nimbate. Emp. wears stemma, div., c-p, panelled loros of sim type and sagion; r. hand labarum-headed sc., l. hand gl. cr. Christ holds Gospel in l. hand.
 Sear 2028; *DOC IV*, Type H, pl. L, 8

- 49 30 mm / 4.27 g / 6 o'clock
Obv.: ΜΡ - Θ
Prov.: Bendall colln.



- 50 23 mm / 1.64 g (clipped) / 6 o'clock
Ref.: Metcalf 1973, pl. 8, no. 23 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 51 24 mm / 1.45 g / 6 o'clock
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: Full-length figure of St. Michael, nimbate, wearing short military tunic and sagion; r. hand jewelled sc., l. hand gl. cr.

Rev.: ИУХ ΔΕΣΠΟΤΗΣ Full-length figure of emperor wearing stemma, div. and chlamys; r. hand sword resting over shoulder, l. hand gl. cr.
 Sear 2030; *DOC IV*, Type J, pl. L, 10

- 52 29.8 mm / 4.39 g / 6 o'clock
Ref.: *DOC IV*, pl. L, 10.4; Sear 2030 (*this coin*).
Prov.: Bendall colln.



- 53 21 mm / 1.48 g / 6 o'clock
Ref.: Metcalf 1973, pl. 8, no. 26 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 54 24.5 mm / 1.89 g
Obv.: Brockage of the reverse.
Ref.: Metcalf 1973, pl. 8, no. 27 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



As last, but small module.

Sear - ; *DOC IV*, -

- 55 19.5 mm / 1.88 g / 6 o'clock
Ref.: Metcalf 1973, pl. 8, no. 28 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: $\overline{\text{MP}}$ $\overline{\text{OV}}$ in field. Three-quarter-length figure of Virgin nimbate, orans.
Rev.: $\overline{\text{I}\overline{\text{W}}/\Delta/\text{E}\overline{\text{C}}/\overline{\text{Π}}\overline{\text{O}}/\overline{\text{T}}/\overline{\text{H}}\overline{\text{C}}$ to l., $\overline{\text{O}}/\overline{\text{T}}/\overline{\text{E}}$ to r. Full-length figure of emperor on l., and of St. George, beardless and nimbate; between them patriarchal cross on long shaft and three steps. Emp. wears stemma, div. and chlamys. Saint wears short military tunic, breastplate and sagion; l. hand sword, point resting on ground.
 Sear 2034; *DOC IV*, Type N, pl. L, 14

Obv.: $\overline{\text{IC}}$ $\overline{\text{XC}}$ in field. Full-length figure of Christ, bearded and nimbate, standing on dais; r. hand raised in benediction; l. hand Gospel. Pellet in each limb of nimbus cross.
Rev.: $\overline{\text{I}\overline{\text{W}}/\Delta\overline{\text{CC}}/\overline{\text{Π}}$ to l., $\overline{\text{I}}/\overline{\text{Π}}\overline{\text{O}}/\overline{\text{P}}\overline{\text{Φ}}/\overline{\text{V}}$ to r. Full-length figure of emperor wearing stemma, short military tunic, breastplate and sagion; r. hand labarum on long shaft; l. hand gl. cr.
 Sear 2035; *DOC IV*, Type O, pl. L, 15

56 32 mm / 2.86 g / 6 o'clock
Obv.: $\overline{\text{MP}}$
Rev.: $\overline{\text{O}}/\overline{\text{T}}/\overline{\text{E}}$ to r.
Prov.: Bendall colln.



61 27.5 mm / 3.50 g / 6 o'clock
Obv.: C – $\overline{\text{XC}}$
Rev.: $\overline{\text{I}}/\overline{\text{Π}}\dots/\overline{\text{P}}\overline{\text{V}}/\overline{\text{T}}$ to r.
Ref.: Sear 2035 (*this coin*).
Prov.: Bendall colln.



57 26.5 mm / 4.36 g / 6 o'clock
Obv.: $\overline{\text{MP}}$
Rev.: $\dots/\overline{\text{T}}$ to l., $\overline{\text{T}}$ to r.
Prov.: Bendall colln.



62 27.5 mm / 3.44 g / 6 o'clock
Obv.: $\overline{\text{IC}}$ – X
Rev.: $\overline{\text{T}}/\overline{\omega}/\overline{\text{Π}}$ to r.
Prov.: Bendall colln.



58 20.5 mm / 1.84 g (clipped) / 6 o'clock
Obv.: $\overline{\text{MP}}$ – $\overline{\text{OX}}$
Rev.: $\Delta/\text{E}\overline{\text{C}}/\overline{\text{Π}}\overline{\text{O}}/\overline{\text{T}}$ to l.
Ref.: Metcalf 1973, pl. 9, no. 32 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



63 28 mm / 3.37 g / 6 o'clock
Obv.: $\overline{\text{IC}}$ – $\overline{\text{X}}$
Rev.: $\overline{\text{Π}}\overline{\text{O}}/\overline{\text{P}}$ to r.
Prov.: Old Ashmolean colln.



59 21 mm / 1.08 g / 6 o'clock
Obv.: $\overline{\text{OX}}$
Rev.: $\overline{\text{T}}$ to r.
Ref.: Metcalf 1973, pl. 9, no. 31 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



64 21 mm / 2.21 g (clipped) / 6 o'clock
Ref.: Metcalf 1973, pl. 9, no. 34 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



60 24.5 mm / 1.94 g / 6 o'clock
Rev.: $\overline{\text{T}}$ to r.
Prov.: Old Ashmolean colln., ex H. Weller Apr. 1968



65 22 mm / 1.36 g (clipped) / 6 o'clock
Obv.: IC
Rev.: $\overline{\text{I}}/\overline{\text{Π}}/\overline{\text{P}}$ to r.
Ref.: Metcalf 1973, pl. 9, no. 35 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



As last, but small module.

Sear - ; DOC IV, -

66 24 mm / 1.25 g

Obv.: Full-length figure of Christ; r. hand raised in benediction.

Rev.: Full-length figure of emperor, wearing short military tunic; r. hand labarum on long shaft.

Prov.: Bendall colln.



Obv.: IC XC in field. Bust of Christ, beardless and nimbate; l. hand scroll. Pellet in each limb of nimbus cross.

Rev.: X/A to l., X/M to r. Full-length figure of St. Michael nimbate, wearing short military tunic, breastplate and sagion; r. hand jewelled, trifold sc.; l. hand gl. cr.

Sear 2036; DOC IV, Type P, pl. LI, 16

67 28 mm / 2.61 g / 6 o'clock

Obv.: C - X

Prov.: Bendall colln.



68 20.5 mm / 1.44 g (clipped) / 6 o'clock

Obv.: IC

Ref.: Metcalf 1973, pl. 9, no. 43 (this coin).

Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



69 27 mm / 3.81 g / 6 o'clock

Obv.: IC - XC

Rev.: X to r.

Prov.: Old Ashmolean colln., from Sabin galleries 1960



70 25 mm / 2.69 g / 6 o'clock

Obv.: C - XC

Rev.: X/M to r.

Prov.: Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley auction, lot 4242, 26/4/1945



71 26 mm / 4.20 g / 6 o'clock

Obv.: C - X

Prov.: Old Ashmolean colln., 11/1/1967



Obv.: IC XC in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel. Pellet in each limb of nimbus cross.

Rev.: MP OV in field. Full-length figure of Virgin nimbate, orans.

Sear 2038; DOC IV, Type R, pl. LI, 18

72 29 mm / 3.86 g / 6 o'clock

Obv.: IC - XC

Rev.: MP - OV

Prov.: Bendall colln.



73 21 mm / 1.91 g (clipped) / 6 o'clock

Obv.: C - XC

Rev.: Θ

Ref.: Metcalf 1973, pl. 9, no. 46 (this coin).

Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: O AΓΙΟΣ ΠΕΤΡΟΣ in two columnar groups. Full-length figure of St. Peter, bearded and nimbate, wearing tunic and kolobion; r. hand sc. cr.; l. hand two keys.

Rev.: MP OV Η ΑΓΙΟCΟΡΙΤΙCΑ in two columnar groups. Full-length figure of Virgin Hagiosoritissa nimbate, orans, turned to r. *Manus Dei* in upper r. field.

Sear 2039; DOC IV, Type S, pl. LI, 19

74 33 mm / 3.26 g (pierced) / 6 o'clock

Obv.: O/AΓI/OC to l., Π/Ε/Τ to r.

Rev.: MP HAΓI/O/O to l.

Ref.: Sear 2039 (this coin).

Prov.: Bendall colln.



75 26.5 mm / 3.20 g / 6 o'clock

Obv.: Π/Ε/Τ to r.

Rev.: MP - OV HAΓI/O/O to l., TΙ/C to r.

Prov.: Bendall colln.



76 30.5 mm / 3.45 g (pierced) / 6 o'clock
Prov.: Bendall colln.



77 29 mm / 2.78 g (pierced) / 6 o'clock
Prov.: Bendall colln.



Obv.: $\overline{\text{MP}} \overline{\text{OV}} \text{H}$ ΑΓΙΟCΟΡΙΤΙCΑ in two columnar groups. Full-length figure of Virgin Hagiosoritissa nimbate, orans. *Manus Dei* in upper r. field.

Rev.: Ο ΑΓΙΟC ΠΕΤΡΟC Ο ΑΓΙΟC ΠΑΥΛΟC in two columnar groups. Full-length figure of St. Peter, on l., and St. Paul, on r., nimbate, wearing tunic and kolobion, embracing each other. St. Peter has short beard, St. Paul a long one. Sear 2040; *DOC IV*, Type T, pl. LI, 20

78 28 mm / 4.00 g / 6 o'clock
Obv.: Γ to r.
Rev.: ΠΙ/ΟC/Ε/Ρ to l.
Prov.: Bendall colln.



79 27 mm / 3.47 g / 6 o'clock
Obv.: Τ to r.
Rev.: ΟΙ/Ε to l., ΠΝ to r.
Prov.: Bendall colln.



80 25 mm / 2.36 g / 6 o'clock
Ref.: Metcalf 1973, pl. 9, no. 51.
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



81 21 mm / 1.08 g / 6 o'clock
Ref.: Metcalf 1973, pl. 9, no. 54 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



82 20 mm / 1.76 g / 6 o'clock
Ref.: Metcalf 1973, pl. 9, no. 53 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



83 25 mm / 1.69 g / 6 o'clock
Rev.: Pseudo-inscription.
Ref.: Metcalf 1973, pl. 9, no. 52 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: Ο ΑΓΙΟC ΝΙΚΟΛΑΟC in two columnar groups. Half-length figure of St. Nicholas, bearded and nimbate, orans, wearing episcopal vestments, of which omophorion is visible.

Rev.: ΑΓΙΟC ΙΩ Ο ΠΡΟΔΡΟΜΟC in two columnar groups. Full-length figure of St. John the Baptist, bearded and nimbate, wearing tunic and cloak; r. hand patriarchal cross on long shaft; l. hand outstretched (?). Sear 2041 (but incorrect description); *DOC IV*, Type U, pl. LI, 21

84 23.5 mm / 1.50 g / 6 o'clock
Rev.: Ο/ΡΟ to r.
Ref.: Bendall 1978a, p. 109, specimen 45 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



85 23 mm / 1.82 g / 6 o'clock
Ref.: *DOC IV*, pl. LI, 21.4; Sear 2052 (*this coin*, but as small module).
Prov.: Bendall colln., from Peter and Paul hoard



86 24 mm / 2.04 g / 6 o'clock
Prov.: Bendall colln., from Peter and Paul hoard



87 23.5 mm / 1.70 g / 6 o'clock
Ref.: Metcalf 1973, pl. 10, no. 57 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 88 22 mm / 1.12 g / 6 o'clock
Rev.: ΙΩ/ΟΠ/ΡΟ to r.
Ref.: Metcalf 1973, pl. 10, no. 60 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: Ο ΛΓΙΟΣ Full-length figure of beardless and nimbate saint wearing short military tunic, breastplate and sagion; r. hand spear; l. hand shield.
Rev.: ΚΟΜΝΗΝΟΣ Emperor seated upon throne with back, wearing stemma, div., c-p and jewelled loros of simpl. type; r. hand labarum-headed sc.; l. hand gl. cr.
 Sear 2042; *DOC IV*, Type V, pl. LI, 22

- 89 27 mm / 2.98 g / 6 o'clock
Obv.: ΟΛΙΟ on l.
Prov.: Bendall colln.



- 90 26.5 mm / 1.95 g / 6 o'clock
Rev.: Κ on r.
Prov.: Bendall colln.



- 91 23 mm / 2.03 g / 6 o'clock
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 92 21.5 mm / 1.48 g / 6 o'clock
Rev.: ΚΟΜΝΙΟΣ on r.
Ref.: Metcalf 1973, pl. 8, no. 29 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 93 22 mm / 1.10 g / 6 o'clock
Prov.: Bendall colln., from Peter and Paul hoard



Obv.: Cross on base. IC in upper quarters, NK in lower quarters.
Rev.: Full-length figure of emperor wearing stemma, short military tunic, breastplate and sagion; r. hand spear; l. hand gl. cr.
 Sear 2043; *DOC IV*, Type W, pl. LII, 23

- 94 29.5 mm / 4.14 g
Obv.: Κ on lower r.
Prov.: Bendall colln.



- 95 29 mm / 2.18 g (pierced)
Obv.: Ν
Prov.: Bendall colln.



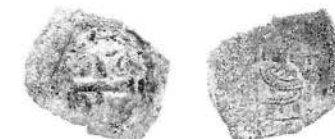
- 96 20.5 mm / 1.09 g (clipped) / 6 o'clock
Obv.: C/K
Ref.: Metcalf 1973, pl. 9, no. 36 (*this coin*).
Prov.: Bendall colln., from Peter and Paul hoard



- 97 19.5 mm / 1.20 g (clipped)
Prov.: Bendall colln.



- 98 21 mm / 1.35 g (clipped) / 6 o'clock
Obv.: C
Prov.: Bendall colln., from Faimali 23/10/1978 (gift), from Thracian Plain hoard



- 99 23 mm / 1.68 g (clipped) / 6 o'clock
Obv.: C
Ref.: Metcalf 1973, pl. 9, no. 39 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 100 20 mm / 1.37 g (clipped)
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



101 24 mm / 1.19 g (clipped) / 6 o'clock

Obv.: C

Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



102 20 mm / 1.86 g (clipped)

Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: Full-length figure of beardless and nimbate saint wearing short military tunic, breastplate and sagion; r. hand spear resting over shoulder; l. hand shield.

Rev.: Full-length figure of emperor, wearing stemma, div., c-p and panelled loros of simpl. type; r. hand trilobate sceptre; l. hand gl. cr.

Sear - ; *DOC IV*, - ; Metcalf 1973, pl. 9, no. 30

103 26 mm / 3.50 g / 6 o'clock

Obv.: O/A/Γ/I to l., C to r.

Prov.: Bendall colln.



104 27.5 mm / 2.94 g / 6 o'clock

Obv.: O/A/Γ/I to l., O/C to r.

Prov.: Bendall colln.



105 22 mm / 1.53 g / 6 o'clock

Obv.: O/C to r.

Prov.: Bendall colln.



106 22 mm / 1.90 g / 6 o'clock

Obv.: C to r.

Ref.: Metcalf 1973, pl. 9, no. 30 (*this coin*).

Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Thessalonica

Billon Trachy, Billon

Obv.: IC XC in field. Christ, bearded and nimbate, seated upon throne without back; l. hand Gospel.

Rev.: Half-length figure of emperor wearing stemma, div., c-p, and panelled loros of simpl. type; r. hand sc. cr.; l. hand gl. cr.

Sear 2055; *DOC IV*, Type A, pl. LII, 24

107 28 mm / 2.19 g / 6 o'clock

Obv.: IC - XC Star above cushion of throne, to either side.

Prov.: Bendall colln., from Yenimahalle hoard



108 27 mm / 2.35 g / 6 o'clock

Obv.: Star above cushion of throne, to either side.

Prov.: Bendall colln.



109 29 mm / 2.74 g / 6 o'clock

Obv.: Star above cushion of throne, on r.

Ref.: Metcalf 1983, pl. 29, no. 655 (*this coin*); idem 1995, pl. 36, no. 844 (*this coin*); idem 1976-78, p. 66, specimen 180 (*this coin*).

Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



110 28 mm / 2.67 g / 5 o'clock

Obv.: Star above cushion of throne, on l.

Ref.: Metcalf 1983, pl. 29, no. 656 (*this coin*); idem 1995, pl. 36, no. 845 (*this coin*).

Prov.: Old Ashmolean colln., from Baldwin May 1969, from Yenimahalle hoard



111 25 mm / 2.06 g / 6 o'clock

Obv.: X

Ref.: Metcalf 1983, pl. 29, no. 657 (*this coin*); idem 1995, pl. 36, no. 846 (*this coin*).

Prov.: Old Ashmolean colln., ex Metcalf 1982 (gift), bought in Athens



- 112** 26 mm / 2.53 g / 6 o'clock
Obv.: X Star in r. field.
Ref.: Metcalf 1983, pl. 29, no. 658 (*this coin*);
idem 1995, pl. 36, no. 847 (*this coin*).
Prov.: Old Ashmolean colln., ex Metcalf 1982
(gift), bought in Athens



- 113** 23 mm / 1.70 g / 6 o'clock
Obv.: IC - X Star in l. field.
Ref.: Metcalf 1983, pl. 29, no. 659 (*this coin*);
idem 1995, pl. 36, no. 848 (*this coin*).
Prov.: Old Ashmolean colln., ex Metcalf 1982
(gift), bought in Athens



As last, but small module.
Sear 2047; *DOC IV*, Type D, pl. LIII, 33

- 114** 24 mm / 1.32 g / 6 o'clock
Obv.: C
Ref.: Metcalf 1983, pl. 29, no. 660 (*this coin*);
idem 1995, pl. 36, no. 849 (*this coin*).
Prov.: Old Ashmolean colln., ex Metcalf 1982
(gift), bought in Athens



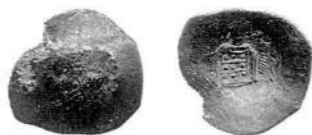
- 115** 23 mm / 1.07 g / 6 o'clock
Obv.: IC
Ref.: Metcalf 1983, pl. 29, no. 661 (*this coin*);
idem 1995, pl. 36, no. 850 (*this coin*).
Prov.: Old Ashmolean colln., ex Metcalf 1982
(gift), from Thessaly hoard



- 116** 24 mm / 1.70 g / 6 o'clock
Ref.: Metcalf 1983, pl. 29, no. 662 (*this coin*);
idem 1995, pl. 36, no. 851 (*this coin*).
Prov.: Old Ashmolean colln., ex Metcalf 1982
(gift), from Thessaly hoard



- 117** 19 mm / 1.19 g / 6 o'clock
Ref.: Metcalf 1983, pl. 29, no. 663 (*this coin*);
idem 1995, pl. 36, no. 852 (*this coin*).
Prov.: Old Ashmolean colln., ex Metcalf 1982
(gift), from Thessaly hoard



- Obv.:** IC XC in field. O/EM/MA to l., NΔ/HA to r. Bust of Christ Emmanuel, bearded
(*sic*) and nimbate; l. hand scroll.
Rev.: ΤΥΚΟΜΝ Full-length figure of emperor wearing stemma, div. and chlamys; r.
hand labarum-headed sc.; l. hand gl. cr.
Sear 2056; *DOC IV*, Type B, pl. LII, 25

- 118** 28 mm / 2.36 g / 7 o'clock
Obv.: IC - X O/EM/MA to l., NΔ/HA to r.
Prov.: Bendall colln., from Yenimahalle hoard



- 119** 29 mm / 2.33 g / 6 o'clock
Ref.: Metcalf 1983, pl. 29, no. 664 (*this coin*);
idem 1995, pl. 36, no. 853 (*this coin*).
Prov.: Old Ashmolean colln., from Baldwin
May 1969, from Yenimahalle hoard



- 120** 28 mm / 1.77 g / 6 o'clock
Obv.: IC - X .../EM/A to l., N/H to r.
Ref.: Metcalf 1983, pl. 29, no. 665 (*this coin*);
idem 1995, pl. 36, no. 854 (*this coin*).
Prov.: Old Ashmolean colln., ex Metcalf 1982
(gift), bought in Athens



- 121** 27 mm / 2.52 g / 6 o'clock
Obv.: C O/EM/MA to l., H to r.
Ref.: Metcalf 1983, pl. 29, no. 666 (*this coin*);
idem 1995, pl. 36, no. 855 (*this coin*).
Prov.: Old Ashmolean colln., ex Metcalf 1982
(gift), bought in Athens



- 122** 25 mm / 2.76 g / 6 o'clock
Obv.: IC O/EM to l., N/H to r.
Ref.: Metcalf 1983, pl. 29, no. 667 (*this coin*);
idem 1995, pl. 36, no. 856 (*this coin*).
Prov.: Old Ashmolean colln., ex Metcalf 1982
(gift), bought in Athens



- 123** 25.5 mm / 2.37 g / 6 o'clock
Obv.: I/II/ to l.
Ref.: Metcalf 1983, pl. 29, no. 668 (*this coin*);
idem 1995, pl. 36, no. 857 (*this coin*).
Prov.: Old Ashmolean colln., ex Metcalf 1982
(gift), bought in Athens



Obv.: $\overline{\text{IC}} \overline{\text{XC}}$ in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel. Cross above cushion of throne, to r.

Rev.: $\text{HAGIAEΛENH} \Theta\text{K}\overline{\text{O}}\text{TANT}$ Full-length figure of St. Helena, on l., and St. Constantine bearded, on r.; between them patriarchal cross on long shaft and step. Both wear stemma, di c-p, and jewel. loros of simpl. type. H: jewel. sc.; C: sc. cr.
Sear 2057; *DOC IV*, Type C, pl. LII, 26

- 124 32 mm / 4.26 g / 6 o'clock
Prov.: Bendall colln., from Yenimahalle hoard



As last, but small module.

Sear 2049; *DOC IV*, Type F, pl. LIII, 35

- 125 23 mm / 1.33 g / 6 o'clock
Ref.: Metcalf 1973, pl. 10, no. 78 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 126 25 mm / 1.58 g (clipped) / 9 o'clock
Obv.: IC
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Nicaea

Billon Trachy, Billon

Obv.: Virgin nimbate, seated upon throne without back; holds beardless, nimbate head of Christ on breast.

Rev.: Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them patriarchal cross on long shaft. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc. Saint wears short military tunic and breastplate; l. hand spear resting over shoulder.
Sear 2050; *DOC IV*, Type G (small module), pl. LIII, 36

- 127 21 mm / 1.48 g
Obv.: Brockage (?) of the reverse.
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Thessalonica

Half-tetarteron, AE

Obv.: $\overline{\text{MP}} \overline{\text{OV}}$ in field. Bust of Virgin nimbate.

Rev.: Leaved patriarchal cross.

Sear 2058; *DOC IV*, Type A, pl. LII, 27

- 128 19 mm / 2.04 g / 6 o'clock
Prov.: Bendall colln.



Obv.: $\text{H} \text{A} \overline{\text{G}} \overline{\text{I}} \text{A} \text{E} \overline{\text{L}} \overline{\text{E}} \overline{\text{N}} \overline{\text{H}}$ in columnar group to l. Full-length figure of St. Helena, nimbate, turned slightly to r., wearing stemma, div., c-p and jewel. loros of simpl. type; l. hand patriarchal cross with flourish on shaft.

Rev.: $\overline{\text{O}} \overline{\text{A}} \overline{\text{G}} \overline{\text{I}} \overline{\text{O}} \text{C} - \overline{\text{K}} \overline{\text{O}} \overline{\text{N}} \overline{\text{T}} \overline{\text{A}} \overline{\text{N}} \overline{\text{T}}$ Full-length figure of St. Constantine, bearded, turned slightly to r., wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand patriarchal cross; l. hand anexikakia.

Sear 2059; *DOC IV*, Type B, pl. LII, 28

- 129 18 mm / 2.17 g / 6 o'clock
Obv.: $\text{H} / \overline{\text{A}} \overline{\text{G}} \overline{\text{I}} / \overline{\text{A}} \overline{\text{E}} / \overline{\text{L}} \overline{\text{E}} \overline{\text{N}} \overline{\text{H}}$ to l.

Rev.: $\overline{\text{G}} \overline{\text{I}} \overline{\text{O}} \text{C} - \overline{\text{K}} \overline{\text{O}} \overline{\text{N}} \overline{\text{T}} \overline{\text{A}} \overline{\text{T}} \overline{\text{H}} \overline{\text{N}}$

Ref.: Sear 2059 (*this coin*).

Prov.: Bendall colln.



Obv.: $\overline{\text{IC}} \overline{\text{XC}}$ in field. Full-length figure of Christ, standing on dais, bearded and nimbate; r. hand raised in benediction; l. hand Gospel.

Rev.: Full-length figure of emperor wearing stemma, short military tunic, breastplate and sagion; r. hand spear (?), l. hand gl. cr.

Sear 2060; *DOC IV*, Type C, pl. LII, 29

- 130 17 mm / 1.70 g / 6 o'clock
Obv.: I - XC
Ref.: *DOC IV*, pl. LII, 29.1.
Prov.: Bendall colln., from I.T. Roper colln.



- 131 17 mm / 1.16 g / 6 o'clock
Obv.: X
Ref.: *DOC IV*, pl. LII, 29.1.
Prov.: Bendall colln.



Empire of Nicaea: Theodore I Comnenus-Lascaris (1204/5-1222)

Nicaea

Aspron Trachy, Electrum

- 132** 33 mm / 4.19 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$ Pellet in each limb of nimbus cross.
Rev.: $\Theta\text{EO}\Delta\text{W}\text{POC}\Delta\text{E}\text{C}\text{Π}\text{OT} - \text{O}, \Theta\text{EO}\Delta\text{W}\text{POC}$ Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them long shaft, at head of which a star. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand sheathed sword, point downward. Saint wears short military tunic, breastplate and sagion; l. hand sheathed sword, point downward.
 Sear 2064; *DOC IV*, Type B, pl. XXVII, 2: 1208 - 1212?



- 133** 34 mm / 4.04 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$ Pellets in each limb of nimbus cross.
Rev.: $\dots\Delta\text{E}\text{C} - \text{O}\Theta\text{EO}\Delta\text{W}\text{PO}$
Prov.: Bendall colln.



- 134** 29 mm / 2.28 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$ Pellets in each limb of nimbus cross.
Rev.: O on r.
Prov.: Bendall colln., from Istanbul 1970



- 135** 31 mm / 4.30 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{X}}$ Pellets in each limb of nimbus cross.
Rev.: $\Delta\text{W}\text{POC}\Delta\text{E}\text{C}\text{Π}$ on l.
Prov.: Bendall colln.



- 136** 31 mm / 3.59 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$ Pellet in each limb of nimbus cross.
Rev.: $\Delta\dots\text{POC}\Delta\text{E}\text{C}\text{Π} - \text{O}\Theta\text{EO}\Delta\text{W}\text{POC}$
Prov.: Old Ashmolean colln., from Baldwin July 1978, from D.R. Walker colln.



- Obv.:** $\text{K}\text{E}\text{R}\text{O} \text{H}\Theta\text{E}\text{I}. \overline{\text{IC}} - \overline{\text{XC}}$ in upper field. Full-length figure of Christ, bearded and nimbate, standing on dais; r. hand raised in benediction; l. hand Gospel.
Rev.: $\Theta\text{EO}\Delta\text{W}\text{POC}\Delta\text{E}\text{C}\text{Π}\text{OT} - \text{O}, \Theta\text{EO}\Delta\text{W}\text{POC}$ Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them long shaft, at head of which a star. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand sheathed sword point downward. Saint wears short military tunic, breastplate and sagion; l. hand sheathed sword, point downward.
 Sear 2065; *DOC IV*, Type C, pl. XXVII, 3: 1205? - 1208?

- 137** 34 mm / 4.21 g / 6 o'clock
Obv.: $\text{K}\text{E}\text{B}\text{O} - \text{H}\Theta\text{E}\text{I}. \overline{\text{IC}} - \overline{\text{XC}}$
Rev.: $\text{O}\text{C}\Delta\text{E} - \text{O}\Theta\text{E}\dots\text{PO}$
Prov.: Bendall colln., from Gorny auction 1996/7



Aspron Trachy, Billon

- Obv.:** $\overline{\text{MP}} \overline{\text{ΘV}}$ in field. Virgin nimbate, seated upon throne without back; holds beardless, nimbate head of Christ on breast.
Rev.: $\Theta\text{EO}\Delta\text{W}\text{POC} - \Theta\text{EO}\Delta\text{W}\text{POC}$ Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them patriarchal cross on long shaft. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc. Saint wears short military tunic and breastplate; l. hand spear resting over shoulder.
 Sear 2061; *DOC IV*, First Coinage, pl. XXVII, 5: 1205 - 1212?

- 138** 31 mm / 3.68 g / 6 o'clock
Obv.: $\overline{\text{MP}} - \overline{\text{ΘV}}$
Rev.: OOO on l.
Ref.: Sear 2061 (*this coin*).
Prov.: Bendall colln., from Bank Leu 1975, from Mellon colln.



139 29 mm / 3.60 g / 6 o'clock
Obv.: $\overline{\text{MP}} - \overline{\text{V}}$
Rev.: $\text{O}\Theta\text{E}\text{O}\Delta\omega$ on r.
Prov.: Bendall colln.



140 32 mm / 2.91 g / 6 o'clock
Obv.: $\overline{\text{MP}} - \overline{\text{V}}$
Rev.: $\text{O}\Theta\text{E}$ on r.
Prov.: Old Ashmolean colln., from Baldwin Nov. 1976, from hoard of 15 coins (specimen 1)



141 30 mm / 3.64 g / 6 o'clock
Obv.: $\overline{\text{MP}} - \overline{\text{V}}$
Rev.: EO on r.
Ref.: *DOC IV*, pl. XXVII, 5a.1 (*this coin?*).
Prov.: Old Ashmolean colln., from Baldwin Nov. 1976, from hoard of 15 coins (specimen 2)



142 29 mm / 4.38 g / 6 o'clock
Obv.: $\overline{\text{MP}} - \overline{\text{V}}$
Rev.: $\text{O}\Theta\text{E}\text{O}\Delta\omega\text{P}$ on r.
Prov.: Old Ashmolean colln., from Baldwin Nov. 1976, from hoard of 15 coins (specimen 3)



143 28 mm / 4.57 g / 6 o'clock
Obv.: $\overline{\text{MP}}$
Rev.: ω on r.
Prov.: Old Ashmolean colln., from Baldwin Nov. 1976, from hoard of 15 coins (specimen 4)



144 27 mm / 3.38 g / 6 o'clock
Ref.: Metcalf 1976-78, p. 66, pl. 3, specimen 181 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



145 26 mm / 1.98 g / 6 o'clock
Obv.: $\overline{\text{MP}} - \overline{\text{V}}$
Rev.: $\Theta\text{E} \dots \omega$ on r.
Ref.: Metcalf 1976-78, p. 66, pl. 3, specimen 182 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



146 28 mm / 3.05 g / 6 o'clock
Ref.: Metcalf 1976-78, p. 66, pl. 3, specimen 184 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



147 26 mm / 2.80 g / 6 o'clock
Ref.: Metcalf 1976-78, p. 66, pl. 3, specimen 185 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



148 26 mm / 1.91 g / 6 o'clock
Obv.: $\overline{\text{MP}} - \overline{\text{V}}$
Ref.: Metcalf 1976-78, p. 66, pl. 3, specimen 187 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



149 27 mm / 2.26 g / 6 o'clock
Ref.: Metcalf 1976-78, p. 66, specimen 188 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



150 27 mm / 2.89 g / 6 o'clock
Ref.: Metcalf 1976-78, p. 66, pl. 3, specimen 190 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



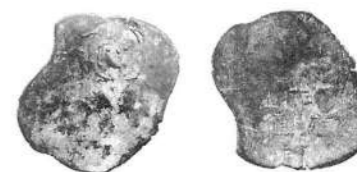
151 25 mm / 3.16 g / 6 o'clock
Ref.: Metcalf 1976-78, p. 66, specimen 191 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 152 25 mm / 2.61 g / 6 o'clock
Prov.: Old Ashmolean colln., from Munich hoard 1977
- 153 27 mm / 3.31 g / 6 o'clock
Obv.: $\overline{\text{MP}}$ on r.
Prov.: Old Ashmolean colln., from Munich hoard 1977
- 154 25 mm / 3.30 g / 6 o'clock
Ref.: Metcalf 1976-78, p. 66, specimen 193 (?) (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard
- 155 28 mm / 3.15 g / 5 o'clock
Obv.: $\overline{\text{MP}} - \overline{\Theta}$
Ref.: Metcalf 1976-78, p. 66, pl. 4, specimen 196 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard
- 156 26 mm / 1.80 g
Ref.: Metcalf 1976-78, p. 66, specimen 197 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard
- 157 25 mm / 1.52 g
Obv.: Brockage of the reverse.
Ref.: Metcalf 1976-78, p. 66, pl. 4, specimen 198 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard
- 158 23 mm / 1.23 g / 6 o'clock
Ref.: Metcalf 1976-78, p. 66, specimen 199 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 159 23.5 mm / 1.54 g / 6 o'clock
Ref.: Metcalf 1976-78, p. 66, specimen 200 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 160 22 mm / 0.94 g / 6 o'clock
Obv.: $\overline{\Theta}$
Ref.: Metcalf 1976-78, p. 66, pl. 4, specimen 201 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



Obv.: $\overline{\text{IC}} \overline{\text{XC}}$ in field. Christ, bearded and nimbate, seated upon throne without back; l. hand Gospel.
Rev.: $\overline{\Theta\epsilon\omicron\Delta\psi\text{P}\omicron\text{C}} \overline{\Delta\epsilon\text{C}\text{P}\omicron\text{T}\text{H}\text{C}} \overline{\text{K}\omicron\text{M}\text{N}\text{H}\text{N}\omicron\text{C}} \overline{\text{O}} \overline{\Lambda\text{C}\text{K}\alpha\text{P}\text{H}\text{C}}$ in two columnar groups. Full-length figure of emperor wearing stemma, div. and chlamys; r. hand sc. cr.; l. hand anexikakia. *Manus Dei* in upper r. field.
 Sear 2062; *DOC IV*, Second Coinage, pl. XXVIII, 6: 1208

- 161 29 mm / 3.17 g / 6 o'clock
Obv.: $\overline{\text{MP}}$ on l.
Rev.: N/N/O to l., KOM/NH/O to r. Star inside of emperor's chlamys as it drapes from the arms.
Prov.: Bendall colln.



- 162 30 mm / 2.79 g / 6 o'clock
Prov.: Bendall colln.



- 163 31 mm / 3.16 g / 6 o'clock
Rev.: $\overline{\text{K/KO/.../C/Λ}}$ to r. Emperor wears chlamys with lozenge decoration.
Prov.: Bendall colln.



164 32 mm / 2.67 g / 6 o'clock
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



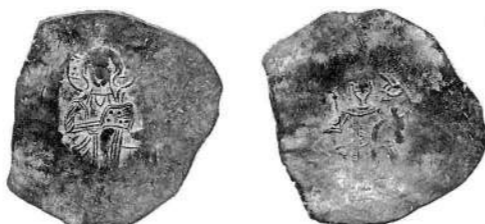
165 28 mm / 2.24 g / 6 o'clock
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



166 30 mm / 3.27 g / 6 o'clock
Rev.: K to r. Star inside of emperor's chlamys as it drapes from the arms.
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



167 32 mm / 2.84 g / 6 o'clock
Rev.: K to r.
Ref.: Metcalf 1976-78, p. 67, pl. 5, specimen 237 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



168 30 mm / 3.41 g / 6 o'clock
Obv.: Star above cushion of throne on r.
Rev.: KO/NI/.../A to r.
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



169 28 mm / 3.25 g / 6 o'clock
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



170 31 mm / 2.89 g / 6 o'clock
Obv.: IC
Rev.: KO/.../C to r.
Ref.: Metcalf 1976-78, p. 66, pl. 4, specimen 205 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



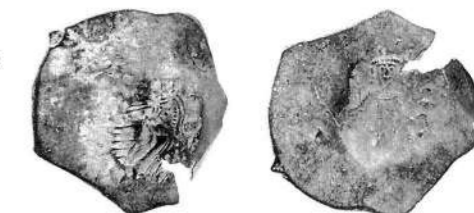
171 29 mm / 3.82 g / 6 o'clock
Obv.: C Star above cushion of throne on l.
Rev.: K to r.
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



172 30 mm / 3.30 g
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



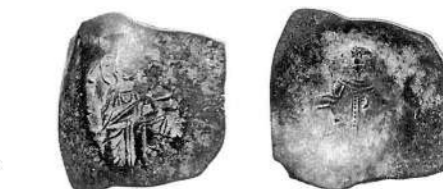
173 29 mm / 3.40 g / 6 o'clock
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



174 30 mm / 1.88 g / 6 o'clock
Rev.: Λ to l. Star in l. field.
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



175 29 mm / 2.90 g / 6 o'clock
Obv.: C Star above cushion of throne on l.
Ref.: Metcalf 1976-78, p. 67, pl. 5, specimen 231 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



176 28 mm / 3.01 g / 6 o'clock
Obv.: C – X̄ Star above cushion of throne on either side.
Rev.: ω to l., KOM to r. Star on l. and r. in lower field.
Ref.: Metcalf 1976-78, p. 67, pl. 5, specimen 224 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



177 29 mm / 3.29 g / 6 o'clock
Obv.: Star above cushion of throne on either side.
Rev.: K/M/H to r.
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



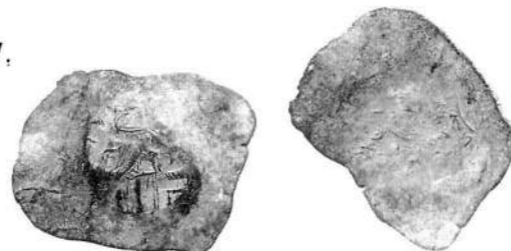
178 31 mm / 2.48 g / 6 o'clock
Rev.: K to r. Star on r., in lower field.
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



179 27 mm / 4.06 g / 6 o'clock
Rev.: ω to l., KOM/N/H to r.
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



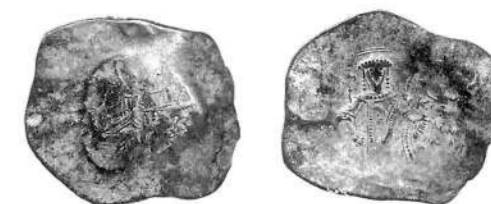
180 33 mm / 2.43 g / 4 o'clock
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



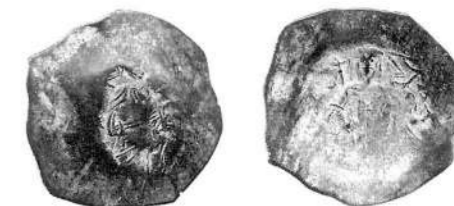
181 29 mm / 3.30 g / 6 o'clock
Obv.: X̄C Star above cushion of throne on r.
Rev.: Star on l., in lower field.
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



182 31 mm / 2.91 g / 6 o'clock
Obv.: XC Star above cushion of throne on either side.
Rev.: KOM/H/N to r.
Ref.: *DOC IV*, pl. XXVIII, 6.7 (*this coin*); Metcalf 1976-78, p. 67, pl. 5, specimen 236 (*this coin*).
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



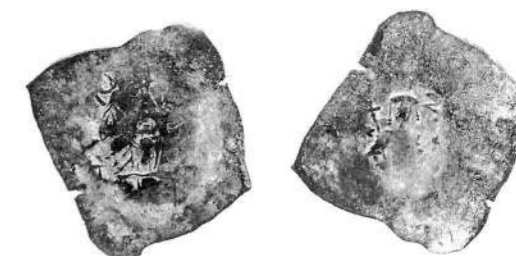
183 28 mm / 3.46 g / 6 o'clock
Obv.: Star above cushion of throne on l.
Rev.: Star on l. and r. in lower field.
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



184 29 mm / 3.28 g (pierced) / 6 o'clock
Rev.: ω to l., KOM to r.
Prov.: Old Ashmolean colln., ex E.S. Bouchier 1930



185 33 mm / 3.35 g / 5 o'clock
Rev.: C to l.
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



Obv.: IC̄ X̄C in field. Full-length figure of Christ, bearded and nimbate; l. hand Gospel.

Rev.: (ΘΕΟΔΩΡΟΣ ΘΕΟΔΩΡΟΣ?) Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them labarum on long shaft. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand anexikakia; sword hangs point downward to l. of waist. Saint wears short military tunic and breastplate; l. hand spear, resting over shoulder; sword hangs point downward to r. of waist. Sear 2067 (as Magnesian); *DOC IV*, Type C, pl. XXVIII, 7: 1212 - 1221?

- 186 32 mm / 2.55 g / 6 o'clock
Obv.: IC – XC
Prov.: Bendall colln., from Istanbul Aug. 1971



- 187 31 mm / 3.08 g / 6 o'clock
Obv.: IC – XC Uncertain letters in field.
Prov.: Bendall colln., from Izmir July 1981



Magnesia

Aspron Trachy, Electrum

Obv.: IC XC O EMMANΘHA in two columnar groups. Bust of Christ Emmanuel, beardless and nimbate; l. hand scroll. Pellets, normally ::, or pellet, in each limb of nimbus cross.
Rev.: ΘEOΔWPOCΔEC – O, ΘEOΔWPOC Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them patriarchal cross on long shaft, at the base of which three steps. Emp. wears stemma, div. and chlamys; r. hand sheathed sword, point downward. Saint wears short military tunic, breastplate and sagion; l. hand sheathed sword, point downward.
 Sear 2066; *DOC IV*, Type D, pl. XXVII, 4: 1212 - 1221?

- 188 30 mm / 2.81 g / 6 o'clock
Obv.: IC – XC O/EM/AM to l., NΘ/HA to r. Pellets, ::, in each limb of nimbus cross.
Rev.: ...WPOCΔC – OIΘE
Ref.: *DOC IV*, pl. XXVII, 4.3.
Prov.: Bendall colln., from Dumbarton Oaks (by exchange)



Aspron Trachy, Billon

Obv.: IC XC O EMMANΘHA in two columnar groups. Bust of Christ Emmanuel, beardless and nimbate; l. hand scroll. Pellets, normally ::, or pellet in each limb of nimbus cross.
Rev.: (ΘEOΔWPOC ΘΘEOΔWPOC?) Full-length figure of emperor on l., and of St. Theodor bearded and nimbate; between them patriarchal cross on long shaft, at the base of which three steps. Emp. wears stemma, div. and chlamys; r. hand sheathed sword, point downward. Saint wears short military tunic, breastplate and sagion; l. hand sheathed sword, point downward.
 Sear 2068; *DOC IV*, Type D, pl. XXVIII, 8: 1212 - 1221?

- 189 30 mm / 4.06 g / 6 o'clock
Obv.: IC – XC O/EM/MA to l., NΘ/HA to r. Pellet on l., pellets on r. in each limb of nimbus cross.
Prov.: Bendall colln.



- 190 31 mm / 3.36 g / 6 o'clock
Obv.: XC O/M to l., NΘ/HA to r. Pellets in each limb of nimbus cross.
Prov.: Bendall colln., from Greek collector May 1976



- 191 31 mm / 4.90 g / 6 o'clock
Obv.: IC – XC O/EM/AM to l., NΘ/HA to r. Pellet in each limb of nimbus cross.
Prov.: Bendall colln.



- 192 24 mm / 1.58 g / 6 o'clock
Obv.: IC – XC Pellet in each limb of nimbus cross.
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: IC XC in field. Bust of beardless, nimbate Christ, wearing tunic and kolobion; l. hand scroll. Pellets in each limb of nimbus cross.
Rev.: ΘEOΔWPOC ΔECΠOTHC in two columnar groups. Full-length figure of emperor wearing stemma, div., jewel. loros of simpl. type (and sagion?); r. hand labarum-headed sc.; l. hand gl. cr.
 Sear 2070; *DOC IV*, Type F, pl. XXVIII, 10: 1212 - 1221?

- 193 31 mm / 4.41 g / 6 o'clock
Obv.: C – XC
Rev.: Δ to l., E to r.
Ref.: *DOC IV*, pl. XXVIII, 10.2 (*this coin*); Protonotarios 1974b, pp. 52, 54, no. 3 (*this coin*).
Prov.: Bendall colln.



194 23 mm / 1.36 g (broken) / 6 o'clock

Obv.: $\overline{\text{XC}}$

Rev.: $\Delta/\epsilon/\Pi/\tau/\eta$ to r.

Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: $\text{O AGIOC } \Theta\epsilon\text{O}\Delta\psi\text{POC}$ in two columnar groups. Full-length figure of St. Theodore, bearded and nimbate, wearing short military tunic, breastplate and sagion; r. hand spear over shoulder; l. hand shield.

Rev.: $\Theta\epsilon\text{O}\Delta\psi\text{POC } \Delta\epsilon\text{C}\Pi\text{O}\tau\eta\text{C } \text{O } \text{KOMNH}\eta\text{NOC}$ in two columnar groups. Full-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum-headed sc.; l. hand gl. cr. *Manus Dei* in upper r. field.

Sear 2071; *DOC IV*, Type G, pl. XXVIII, 11: 1212 - 1221?

195 30 mm / 3.03 g / 6 o'clock

Obv.: $\text{O}/\Delta/\Gamma/\text{O}/\text{C}$ to l., $\Theta\epsilon/\text{O}\Delta\psi/\text{PO}/\text{C}$ to r.

Rev.: $\Delta/\text{CC}/\Pi$ to r.

Ref.: *DOC IV*, pl. XXVIII, 11.1 (*this coin*); Bendall – Protonotarios 1976, pp. 46-7, no. 5 (*this coin*).

Prov.: Bendall colln.



196 30 mm / 4.24 g / 6 o'clock

Obv.: $\text{O}/\text{A}/\Gamma/\text{I}/\text{O}/\text{C}$ to l., $\Lambda\psi/\text{PO}/\text{C}$ to r.

Rev.: $\Delta/\text{CC}/\Pi$ to r.

Prov.: Bendall colln.



John III Ducas, Called Vatatzes (1222-1254)

Magnesia

Hyperpyron, AV

Obv.: $\text{K}\epsilon\text{R}\text{O } \text{H}\theta\epsilon\text{I. } \overline{\text{IC}} \overline{\text{XC}}$ in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel.

Rev.: $+\overline{\text{I}}\overline{\text{U}}\Delta\epsilon\text{C}\Pi. \overline{\text{MP}} \overline{\text{OV}}$ in upper and r. field. Half-length figure of emperor on l., and of Virgin nimbate; between them patriarchal cross on long shaft. Emp. wears stemma, div., c-p, and panelled loros of simpl. type; r. hand anexikakia. *Manus Dei* in upper l. field.

Sear 2072; *DOC IV*, First Coinage, pl. XXIX, 1: 1227 - 1232? (*Recte* John II Comnenus)

197 27 mm / 4.08 g / 6 o'clock

Obv.: $\text{K}\epsilon\text{R}\text{O } -\text{H}\theta\epsilon\text{I. } \overline{\text{IC}} - \overline{\text{XC}}$

Rev.: $\theta - \overline{\text{MP}}$

Ref.: *DOC IV*, pl. XXIX, 1b.

Prov.: Bendall colln., from Agrinion hoard



Obv.: As Second Coinage (lacks $\text{K}\epsilon\text{R}\text{O } \text{H}\theta\epsilon\text{I}$).

Rev.: As First Coinage.

Sear 2072; *DOC IV*, Transitional Coinage (A), pl. XXIX, 2: 1232? (*Recte* John II Comnenus)

198 28 mm / 4.31 g / 6 o'clock

Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$

Rev.: $\overline{\text{I}}\overline{\text{U}}/\Delta\epsilon\text{C. } \overline{\text{MP}} - \overline{\text{OV}}$

Prov.: Bendall colln.



199 29 mm / 4.25 g / 6 o'clock

Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$

Rev.: $\omega\Delta\epsilon\tau$ on l., $\theta\text{V} - \overline{\text{M}}$

Prov.: Bendall colln.



200 28 mm / 4.51 g / 6 o'clock

Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$ (: above cushion of throne to l.)

Rev.: $\overline{\text{I}}\overline{\text{U}}\Pi\text{O}\tau\eta$ on l., $\overline{\text{MP}} - \theta$

Prov.: Bendall colln.



Obv.: As First Coinage (with $\text{K}\epsilon\text{R}\text{O } \text{H}\theta\epsilon\text{I}$).

Rev.: As Second Coinage.

Sear - ; *DOC IV*, Transitional Coinage (B), pl. XXIX, 3: 1232? (*Recte* John II Comnenus)

201 28 mm / 4.22 g / 6 o'clock

Obv.: $\text{K}\epsilon - \text{H}\theta\epsilon\text{I. } \overline{\text{IC}} - \text{X}$

Rev.: $\theta - \overline{\text{MP. } \overline{\text{I}}/\Pi\text{O}/\Phi/\text{P}}$ to r.

Ref.: *DOC IV*, pl. XXIX, 3.2 (*this coin*); Metcalf 1980, pl. 16, no. 55 (*this coin*).

Prov.: Bendall colln., from Greek collector, from Agrinion hoard



Obv.: $\overline{\text{IC}} \overline{\text{XC}}$ in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel.

Rev.: $\overline{\text{I}\omega} \overline{\Delta\epsilon\sigma\text{ΠO}\text{T}\text{H}} \text{T}\omega$ (I) $\text{ΠO}\text{P}\text{Φ}\text{V}\text{P}\text{O}\overline{\Gamma\epsilon}\text{N}\text{N}\text{H}\text{T}\omega$ (usually abbreviated), in two column groups. $\overline{\text{MP}} \overline{\Theta\text{V}}$ in upper and r. field. Full-length figure of emperor on l., crowned by Virgin nimbate. Emperor wears stemma, div., c-p and panelled loros of simplified type; r. hand labarum on long shaft; l. hand anexikakia.

Sear 2073; *DOC IV*, Second Coinage, pls. XXIX-XXX, 4-19: 1232 - 1254?

207 29 mm / 4.10 g / 6 o'clock

Obv.: C - $\overline{\text{XC}}$ (° on cushion above throne to l.)

Rev.: $\overline{\text{MP}} - \overline{\Theta\text{V}}$. $\text{I}/\text{Π}/\text{Φ}$ to r.

Ref.: *DOC IV*, pl. XXIX, 4.

Prov.: Old Ashmolean colln., ex E.S. Bouchier 1930



208 28 mm / 4.31 g / 6 o'clock

Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$ (Six dots, in two groups of three, in upper r. field.)

Rev.: $\overline{\text{MP}}$. O/T to l., $\text{T}/\text{Π}/\text{Φ}/\text{P}/\text{Γ}/\text{N}$ to r.

Ref.: *DOC IV*, pl. XXIX, 4.

Prov.: Old Ashmolean colln., from Godwyn



Aspron Trachy, Electrum

Obv.: $\overline{\text{MP}} \overline{\Theta\text{V}}$ in field. Virgin nimbate, seated upon throne with back; holds beardless, nimbate head of Christ on breast.

Rev.: $\text{I}\omega\overline{\Delta\epsilon\sigma\text{ΠO}\text{T}\text{I}\text{C}} - \text{O} \text{X}\overline{\Lambda\text{Λ}\text{K}\text{I}\text{T}\text{H}\text{C}}$. $\overline{\text{IC}} \overline{\text{XC}}$ in upper and r. field. Full-length figure of emperor on l. crowned by Christ Chalcites. Emp. wears stemma, div., c-p, panelled loros of simpl. type and sagion; r. hand labarum-headed sc.; l. hand gl. cr. Christ holds Gospel in l. hand.

Sear 2075; *DOC IV*, Type B, pl. XXXI, 21: 1221?

209 35 mm / 3.28 g / 6 o'clock

Obv.: $\overline{\text{MP}} - \overline{\Theta\text{V}}$

Rev.: $\overline{\text{IC}} - \overline{\text{X}}$. $\text{I}\omega\overline{\Lambda} \dots \overline{\text{IC}} \dots \overline{\text{IC}}$

Prov.: Bendall colln., from BM (by exchange)



Obv.: $\overline{\text{IC}} \overline{\text{XC}} \text{O} \overline{\epsilon\text{M}\text{M}\text{A}\text{N}\overline{\delta}\text{H}\overline{\Lambda}}$ in two columnar groups. Bust of Christ Emmanuel, beardless and nimbate; holds scroll in l. hand. Pellets, ∴, in each limb of nimbus cross.

Rev.: $\text{I}\omega[\text{O}\overline{\Lambda}\overline{\Gamma}\text{I}\text{O}\overline{\text{C}}\overline{\Theta}\overline{\epsilon}\text{O}\overline{\Delta}\overline{\Psi}\text{P}\text{O}\overline{\text{C}}}$ Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them patriarchal cross on long shaft and three steps. Emp. wears stemma, div. and panelled chlamys; r. hand sheathed sword, point downward. Saint wears short military tunic, breastplate and sagion; l. hand sheathed sword, point downward.

Sear 2077; *DOC IV*, Type D, pl. XXXI, 23: 1221 - 1254

210 29 mm / 2.71 g / 6 o'clock

Obv.: X € to l., N/δ to r.

Rev.: €/Δ to r.

Ref.: Sear 2077 (*this coin*).

Prov.: Bendall colln., from Glendining 24/5/1972, lot 64



202 29 mm / 4.60 g / 6 o'clock

Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$

Rev.: $\overline{\text{MP}} - \overline{\Theta\text{V}}$. $\overline{\text{I}\omega}/\overline{\Delta\epsilon\text{C}}/\text{O}/\text{T}\text{I}$ to l., $\text{Π}/\text{Φ}/\text{Γ}$ to r.

Ref.: *DOC IV*, pl. XXIX, 4a.

Prov.: Bendall colln., from Agrinion hoard



203 28.5 mm / 4.49 g / 6 o'clock

Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$

Rev.: $\overline{\text{MP}} - \overline{\Theta\text{V}}$. $\overline{\text{I}\omega}/\overline{\Delta\epsilon\text{C}}/\text{ΠO}/\text{T}$ to l., $\text{I}/\text{Π}/\text{Φ}/\text{P}/\text{Γ}$ to r.

Ref.: *DOC IV*, pl. XXIX, 4b.

Prov.: Bendall colln.



204 29 mm / 4.44 g / 6 o'clock

Obv.: $\overline{\text{IC}} - \overline{\text{X}}$ (° on cushion above throne to l.)

Rev.: $\overline{\text{MP}} - \overline{\Theta\text{V}}$. $\overline{\omega}/\overline{\text{C}}\text{C}$ to l., $\text{I}/\text{Π}/\text{Φ}/\text{N}$ to r.

Ref.: *DOC IV*, pl. XXX, 6a.2; Metcalf 1980, pl. 18, no. 117 (*this coin*).

Prov.: Bendall colln., from Agrinion hoard



205 29 mm / 4.18 g / 6 o'clock

Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$

Rev.: $\overline{\text{MP}}$. $\overline{\text{I}\omega}/\overline{\Delta\epsilon\text{C}}/\text{ΠO}/\text{T}$ to l., $\text{Φ}/\text{P}/\text{Γ}$ to r.

Ref.: *DOC IV*, pl. XXIX, 4.

Prov.: Old Ashmolean colln., from Baldwin 1980, from D.R. Walker colln.



206 28.5 mm / 4.43 g / 6 o'clock

Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$

Rev.: $\overline{\text{MP}}$. ψ to l., $\text{Γ}/\text{Φ}/\text{N}$ to r.

Ref.: *DOC IV*, pl. XXIX, 4.

Prov.: Old Ashmolean colln., from Horace Waddington, University College



Obv.: ΜΡ ΘV in upper field. Virgin nimbate, seated upon throne with back; holds beardless nimbate head of Christ on breast. Δ to l., P to r., on back of throne.

Rev.: ΙΩ ΔΕΣΠΟΤΗΣ Ο ΔΥΚΑC in two columnar groups. ⊙ in upper r. field. Full-length figure of emperor on l., and of St. Constantine; between them long shaft, at the head of which a cross-within-circle, and at the base of which a globe. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand sc. cr. Saint, similarly dressed, holds sc. cr. in l. hand. Sear 2078; *DOC IV*, Type E, pl. XXXI, 24: 1248

211 31 mm / 2.25 g / 6 o'clock

Obv.: ΜΡ – ΘV. A to l., P to r., on back of throne.

Rev.: Ω/Δ/ΕC/ΠO/ΤH to l., ⊙/.../Δ/Κ to r.

Prov.: Bendall colln.



Obv.: ΙC XC Ο ΕΜΜΑΝΥΗΛ in two columnar groups. Bust of Christ Emmanuel, beardless and nimbate; holds Gospel in l. hand. Pellets, ∴, in each limb of nimbus cross.

Rev.: ΙΩ ΔΕΣΠΟΤΗΣ Ο ΔΥΚΑC in two columnar groups. Full-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum-headed sc.; l. hand anexikakia. Star on sagion beneath r. arm. *Manus Dei* in upper r. field. Sear 2080; *DOC IV*, Type G, pl. XXXI, 26: 1221 - 1254

212 31 mm / 2.66 g / 6 o'clock

Obv.: C – X ΕΗ/Α to l., N to r. Pellet in each limb of nimbus cross.

Rev.: ΙΩ to l., Ο/Δ/Κ/Α/Ι/Σ to r. Dots in lower l. field.

Prov.: Bendall colln.



Obv.: ΙC XC in field. Full-length figure of Christ, standing on dais, bearded and nimbate; l. hand Gospel. Big star on either side.

Rev.: ΙΩ ΔΕΣΠΟΤΗΣ – ΘΕΟΔΩΡΟC Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate, holding patriarchal cross on long shaft at base of which a large globe. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand sheathed sword, point downward. Saint wears short military tunic and breastplate; l. hand sheathed sword, point downward.

Sear 2083; *DOC IV*, Type J, pl. XXXI, 29: 1221 - 1254

213 31 mm / 2.21 g / 6 o'clock

Obv.: ΙC – XC

Rev.: ΩΔCΠTH on l.

Ref.: Sear 2083 (*this coin*).

Prov.: Bendall colln.



Obv.: ΙC XC in field. Bust of Christ, beardless and nimbate; l. hand scroll. Cross on either side in field.

Rev.: ΙΩ ΔΕΣΠΟΤΗΣ Ο ΔΥΚΑC in two columnar groups. Full-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum on long shaft; l. hand globus surmounted by patriarchal cross.

Sear 2086; *DOC IV*, Type M, pl. XXXII, 32: 1221 - 1254

214 31 mm / 2.60 g / 6 o'clock

Obv.: C

Rev.: ΙΙΙΙΙ on l.

Prov.: Bendall colln.



215 28 mm / 2.60 g (pierced) / 6 o'clock

Obv.: ΙC – XC

Rev.: C/O/C to l., Ο/Δ/Κ/Α/Ι/Σ to r.

Ref.: *DOC IV*, pl. XXXII, 32.2 (*this coin*).

Prov.: Old Ashmolean colln., from Revd. T. Greville Chester 1892



Obv.: ΜΡ ΘV in field. Virgin nimbate, seated upon throne without back; holds beardless, nimbate head of Christ on breast. Palm branch and motif of four interlaced bands to l. and r. above throne.

Rev.: ΙΩ ΔΕΣΠΟΤΗΣ Ο ΔΥΚΑC in two columnar groups. Full-length figure of emperor standing on dais, wearing stemma, short military tunic, breastplate and sagion; r. hand labarum on long shaft; l. hand sword, point downward. *Manus Dei* in upper r. field.

Sear 2087; *DOC IV*, Type N, pl. XXXII, 33: 1221 - 1254

216 28 mm / 2.03 g / 6 o'clock

Obv.: ΜΡ – ΘV

Rev.: ΙΩ/ΔΕC/ΠΗΤ/Σ to l., ΟΔ/Κ to r.

Ref.: *DOC IV*, pl. XXXII, 33.1 (*this coin*);

Protonotarios 1974b, pp. 52, 54, no. 5 (*this coin*).

Prov.: Bendall colln., from Istanbul 1972



Obv.: $\overline{\text{IC}} \overline{\text{XC}}$ in field. Bust of Christ, beardless and nimbate; l. hand scroll or Gospel. $\text{B} \cdot \text{B}$ i field.

Rev.: $\overline{\text{I}\Psi} \overline{\text{ΔΕΣΠΟΤΗΣ Ο ΔΥΚΑΚ}}$ in two columnar groups. Emperor seated on throne with back, wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand sc. cr.; l. hand anexikakia.

Sear 2088A; *DOC IV*, Type Q, pl. XXXII, 34ter: 1221 - 1254

217 32 mm / 2.40 g / 6 o'clock

Obv.: C

Rev.: $\text{T}\delta\Delta$ on r.

Prov.: Bendall colln.



218 31 mm / 2.91 g / 6 o'clock

Obv.: $\overline{\text{C}} - \overline{\text{X}}$

Rev.: $\overline{\omega}/\epsilon\text{C}/\Pi\text{O}$ to l.

Ref.: Sear 2088A (*this coin*).

Prov.: Bendall colln.



Aspron Trachy, Billon

Obv.: $\Delta \overline{\text{X}}$ in upper field. Three-quarter-length figure of St. Michael, wearing short military tunic, breastplate and sagion; r. hand sword, resting over shoulder; l. hand globus.

Rev.: $\overline{\text{I}\Psi} \overline{\text{ΔΕΣΠΟΤΗΣ. IC XC}}$ in upper field. Full-length figure of emperor on l., crowned by Christ, bearded and nimbate. Emp. wears stemma, div. and chlamys; r. hand anexikakia; hand gl. cr. Christ holds Gospel in l. hand.

Sear 2089; *DOC IV*, Type A, pl. XXXII, 35: 1221 - 1254

219 30 mm / 2.65 g (pierced) / 6 o'clock

Rev.: $\overline{\text{XC}}$. $\text{I} \dots \overline{\text{ΔΕ}} \dots \text{THC}$ on l. Emperor crowned by beardless (?) Christ.

Ref.: Sear 2089 (*this coin*).

Prov.: Bendall colln., from Israel 1970



220 30.5 mm / 3.57 g / 6 o'clock

Rev.: H on l.

Prov.: Bendall colln.



221 29 mm / 2.03 g / 6 o'clock

Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



222 23 mm / 1.11 g

Obv.: Brockage of the reverse.

Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



223 19 mm / 1.04 g / 6 o'clock

Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: $\overline{\text{HP}} \overline{\text{OV}}$ in upper field. Full-length figure of Virgin nimbate; holds beardless, nimbate head of Christ on breast. Large cross on either side in field.

Rev.: $\text{O}/\overline{\text{ΔΥΚΑΚ}}$. $\overline{\text{IC}} \overline{\text{XC}}$ in upper and r. field. Full-length figure of emperor on l., crowned by Christ, bearded and nimbate. Emp. wears stemma, div. and panelled chlamys; r. hand labarum-headed sc.; l. hand anexikakia. Christ holds Gospel in l. hand.

Sear 2091; *DOC IV*, Type C, pl. XXXII, 37

224 26.5 mm / 2.77 g / 6 o'clock

Obv.: $\overline{\text{HP}} - \overline{\text{OV}}$

Rev.: $\overline{\text{XC}}$. $\text{O}/\overline{\text{ΔΥΚΑΚ}}$ to r.

Prov.: Bendall colln.



225 28 mm / 4.73 g / 6 o'clock

Obv.: $\overline{\text{HP}} - \overline{\text{OV}}$

Rev.: $\overline{\text{XC}}$. $\overline{\omega}/\overline{\text{ΔΥΚΑΚ}}$ to l., $\text{O}/\overline{\text{ΔΥΚΑ}}$ to r.

Prov.: Bendall colln.



Obv.: IC XC in upper field. Full-length figure of Christ, bearded and nimbate; r. hand raised in benediction; l. hand Gospel. Cross on either side in field.

Rev.: IWD - OAK. MP OV in upper r. field. Figure of emperor on l., and of Virgin nimbate between them patriarchal cross on long shaft at the base of which a globe. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum-headed sc. Sear 2092; *DOC IV*, Type D, pl. XXXII, 38: 1221 - 1254

226 29 mm / 3.03 g / 6 o'clock

Obv.: IC - XC

Rev.: IWD on l.

Ref.: *DOC IV*, pl. XXXII, 38.2 (this coin).

Prov.: Bendall colln., from Greek collector 1970 (gift)



227 28 mm / 3.70 g / 6 o'clock

Obv.: IC - XC

Rev.: Θ. ΩΙ - OAK

Prov.: Bendall colln.



Obv.: IC XC O ENHAIΘHΛ in two columnar groups. Bust of Christ Emmanuel, beardless and nimbate; l. hand scroll. Pellets, ∴, in each limb of nimbus cross.

Rev.: IWD ΔEΠOYHΘ O ΔXKAC in two columnar groups. Full-length figure of emperor on l., and of St. Constantine bearded; between them patriarchal cross at the base of which three steps. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum headed sc. Saint similarly dressed; l. hand sc. cr. Sear 2093; *DOC IV*, Type E, pl. XXXII, 39: 1221 - 1254

228 33 mm / 4.00 g / 6 o'clock

Obv.: X E/TH to l. Pellet in each limb of nimbus cross.

Rev.: CCP on l.

Ref.: Sear 2093 (this coin).

Prov.: Bendall colln., from Mellon colln.



229 30 mm / 4.19 g / 6 o'clock

Obv.: IC - X E/TH/A to l., I/H to r.

Rev.: OΔ/θ to r.

Prov.: Bendall colln., from G. Zacos colln.



230 33 mm / 4.12 g / 6 o'clock

Obv.: C - X OE/HA to l., I to r. Pellets in the upper limb of nimbus cross.

Rev.: C to l., OΔ/C to r.

Prov.: Bendall colln., from G. Zacos colln.



Obv.: IC XC in upper field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel. Pellet in each limb of nimbus cross.

Rev.: IWD ΔEΠOYHΘ O ΔXKAC in two columnar groups. Full-length figure of emperor, wearing stemma, div. and chlamys; r. hand labarum on long shaft; l. hand globus surmounted by patriarchal cross.

Sear 2094; *DOC IV*, Type F, pl. XXXII, 40: 1221 - 1254

231 32 mm / 2.81 g / 6 o'clock

Obv.: C - XC

Rev.: OΔ/θ/K/C to r.

Prov.: Bendall colln.



232 30 mm / 3.32 g / 6 o'clock

Obv.: C - XC

Rev.: OΔ/θ/K to r.

Prov.: Bendall colln., from G.M.R. Hay 19/1/1976



Obv.: MP OV in upper field. Virgin nimbate, seated upon throne with back; holds beardless, nimbate head of Christ on breast.

Rev.: IWD OΔXKAC in two columnar groups. Full-length figure of emperor wearing stemma, div., c-p, jewel. loros of simpl. type and sagion; r. hand labarum-headed sc.; l. hand gl. cr. Star often on sagion to l. or to r. (or both).

Sear 2095; *DOC IV*, Type G, pl. XXXIII, 41: 1221 - 1254

233 26 mm / 1.87 g / 5 o'clock

Rev.: Δ/θ/K/C to r. Emperor wears div. and chlamys. Star on sagion to l.

Prov.: Bendall colln., bought in Munich Oct. 1988



- 234 27 mm / 1.21 g / 6 o'clock
Rev.: Emperor wears div. and chlamys. Star on sagion to r. and l.
Prov.: Bendall colln.



- 235 30 mm / 2.26 g / 6 o'clock
Obv.: ΜΡ – ΘΥ
Rev.: ΟΛΥΚΑΚ on r. Emperor holds in l. hand globus surmounted by patriarchal cross. Star on sagion to r. and l.
Prov.: Bendall colln.



- 236 22 mm / 1.70 g (clipped) / 6 o'clock
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: ΙϞ ΧϞ ΧΑΛΚΙΤΗϞ in two columnar groups. Full-length figure of Christ Chalcites, standing on dais; r. hand raised in benediction; l. hand Gospel.
Rev.: ΙΥ ΟΛΥΚΑΚ in two columnar groups. Full-length figure of emperor standing on dais, wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum-headed sc.; l. hand sheathed sword, point downward.
 Sear 2096; *DOC IV*, Type H, pl. XXXIII, 42: 1221 - 1254

- 237 28 mm / 2.31 g / 6 o'clock
Obv.: Χ/Κ/Τ/Ϟ to r.
Rev.: Ο/Δ/Υ/Κ/Ϟ to r.
Prov.: Bendall colln., ex O'Hara



- 238 28 mm / 2.57 g / 6 o'clock
Obv.: ΧΧ ΚΚΙ/Η to r.
Rev.: Δ/Κ to r.
Prov.: Bendall colln.



- 239 26 mm / 3.07 g / 6 o'clock
Obv.: Ϟ O to l., ΚΙ/ΤΙ to r.
Rev.: Ω/Ϟ to l., Δ/Υ/Κ/Ϟ to r.
Prov.: Bendall colln.



Obv.: ΙϞ ΧϞ in field. Bust of Christ, beardless and nimbate; l. hand scroll. Pellets, ∴, in each limb of nimbus cross.

Rev.: ΙΥ – ΛΥΚΔ Half-length figure of emperor, wearing stemma, div., panelled loros of simpl. type and sagion; r. hand labarum-headed sc.; l. hand globus surmounted by patriarchal cross.
 Sear 2098; *DOC IV*, Type J, pl. XXXIII, 44: 1221 - 1254

- 240 27 mm / 2.34 g / 6 o'clock
Obv.: Ϟ – ΧϞ
Rev.: ΙΥ – ΛΥΚΔ
Prov.: Bendall colln.



Obv.: Ϟ ΔΗΜΗΤΡΙΟϞ in two columnar groups. Full-length figure of St. Demetrius, beardless and nimbate, wearing short military tunic, breastplate and sagion; r. hand spear; l. hand shield.
Rev.: ΙΥ ΔΕϞΠ – ΟΛΥΚΑΚ Emperor seated upon throne with back, wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand gl. cr.
 Sear 2099; *DOC IV*, Type K, pl. XXXIII, 45: 1221 - 1254

- 241 30 mm / 3.53 g / 6 o'clock
Obv.: Ϟ/Δ/Η/Μ to l., Δ/Η/Τ to r.
Rev.: ΟΔΚΑΚ on r.
Ref.: *DOC IV*, pl. XXXIII, 45.1.
Prov.: Bendall colln.



- 242 30 mm / 3.23 g / 6 o'clock
Obv.: Ϟ/Δ/Ι/Μ to l., Φ/Ϟ to r.
Rev.: ΟΔΥΚΑΚ on r.
Ref.: *DOC IV*, pl. XXXIII, 45.1; Bates 1981, p. 154, 3385B (*this coin*).
Prov.: Bendall colln., ex Bates colln., acquired Izmir (Alaşahir)



Obv.: IC XC in field. Full-length figure of Christ, standing on dais (?); l. hand Gospel.
Rev.: IW O, KW or IW O KW Full-length figure of emperor on l., and of St. Constantine, nimbate; between them sword, half-sheathed, point downward. Emperor and saint wear stemm div., c-p and jewel. loros of simpl. type; both rest hand on shield (emp. r. hand, saint l. hand).
 Sear 2101; *DOC IV*, Type M, pl. XXXIII, 47: 1221 - 1254

243 28 mm / 2.38 g / 6 o'clock
Obv.: IC - XC
Rev.: ω to l.
Ref.: Sear 2101 (*this coin*).
Prov.: Bendall colln.



244 29 mm / 2.67 g / 6 o'clock
Obv.: IC
Rev.: IW/Δ to l., O. above, KK to r.
Ref.: *DOC IV*, pl. XXXIII, 47.3.
Prov.: Bendall colln.



245 22 mm / 1.43 g (clipped) / 6 o'clock
Obv.: C
Rev.: ω
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



246 22 mm / 1.32 g / 6 o'clock
Obv.: XC
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: HPP OV in upper field. Three-quarter-length figure of Virgin nimbate, orans. Star to l. and r. in lower field.
Rev.: IW to l., @/θ/ε/Δ to r. Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them sheathed sword, point downward, resting on shield. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc. Saint wears short military tunic and breastplate; l. hand spear.
 Sear 2102; *DOC IV*, Type N, pl. XXXIII, 48: 1221 - 1254

247 31 mm / 3.86 g / 6 o'clock
Obv.: ΘV
Rev.: θ to r.
Ref.: Protonotarios 1972a, p. 56, no. 3.
Prov.: Bendall colln., ex O'Hara



248 26 mm / 2.56 g / 6 o'clock
Obv.: HPP ΘV
Ref.: Protonotarios 1972a, p. 56, no. 3.
Prov.: Bendall colln., from Greek collector



Obv.: @ J Three-quarter-length figure of St. George nimbate, wearing tunic, breastplate and sagion; r. hand spear, resting over shoulder; l. hand shield. K to l., C to r., in field.
Rev.: IW ΔCCΠO - T - O ΔXKAC Half-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand gl. cr.
 Sear 2103; *DOC IV*, Type O, pl. XXXIII, 49: 1221 - 1254

249 30 mm / 3.06 g / 6 o'clock
Obv.: @ to l., J to r.
Rev.: ΠO - T - C
Ref.: *DOC IV*, pl. XXXIII, 49.2.
Prov.: Bendall colln.



250 29 mm / 3.14 g / 6 o'clock
Obv.: @ to l., J to r. K to l., O to r., in field.
Rev.: T above.
Prov.: Bendall colln.



251 30 mm / 3.27 g / 6 o'clock
Obv.: @ to l., J to r. K to l., O to r., in field.
Rev.: IWΔ...Π on l.
Prov.: Bendall colln., from Mellon colln.



Obv.: Ο ΑΓΙΟΣ ΘΕΟΔΩΡΟΣ in two columnar groups. Half-length figure of St. Theodore nimbate, wearing tunic and breastplate; r. hand sword, resting over shoulder; l. hand shield.
Rev.: ΙΩ ΔΕΣΠΟΤΗΣ Ο ΔΥΚΑΣ in two columnar groups. Full-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum-headed sc.; l. hand patriarchal cross on globe, which he holds by the shaft.
 Sear 2104; *DOC IV*, Type P, pl. XXXIII, 50: 1221 - 1254

252 31 mm / 3.68 g / 6 o'clock
Obv.: Ο/ΑΓΙ/Ο/Σ to l., Θ/Ε to r.
Rev.: Ο/ΔΥΚ/Ι/Σ to r.
Prov.: Bendall colln., from Mellon colln.



253 31 mm / 3.68 g / 6 o'clock
Obv.: Ο/ΑΓΙ to l., Θ/ΕΟ/ΔΩ/ΡΟ to r.
Rev.: ΙΩ/Σ/Τ/Η to l., ΔΥΚ/Ι/Σ to r.
Ref.: *DOC IV*, pl. XXXIII, 50a (*this coin*); Protonotarios 1972a, p. 56, no. 2 (*this coin*).
Prov.: Bendall colln.



Obv.: ΙC XC in field. Bust of Christ nimbate; l. hand scroll.
Rev.: ΠΟΤ - Ο ΔΥΚΑ Full-length figure of emperor wearing stemma, div., c-p, jewel. loros of simpl. type and sagion; r. hand anexikakia; l. hand gl. cr.
 Sear 2106; *DOC IV*, Type R, pl. XXXIV, 52: 1221 - 1254

254 29 mm / 2.00 g / 6 o'clock
Obv.: ΙC
Rev.: ΠΟΤ - ΟΔΥΚΑ
Prov.: Bendall colln.



255 26 mm / 2.11 g / 6 o'clock
Obv.: ΙC - XC
Rev.: ΟΔΥΚΑ on r.
Ref.: *DOC IV*, pl. XXXIV, 52 (*this coin*); Protonotarios 1974b, pp. 53-4, no. 9 (*this coin*).
Prov.: Bendall colln., from Lutz Ilisch



256 28 mm / 2.44 g / 6 o'clock
Obv.: ΙC - XC
Rev.: Δ on l.
Prov.: Bendall colln.

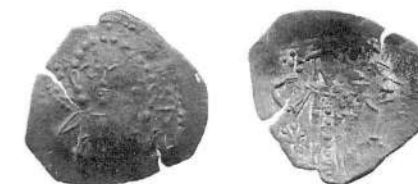


Obv.: ΙC XC in field. Bust of Christ, beardless and nimbate; l. hand scroll. Pellets in each limb of nimbus cross.
Rev.: ΔΥΚΑ Full-length figure of emperor wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand labarum on long shaft, on which a star; l. hand anexikakia.
Manus Dei in upper r. field.
 Sear 2107; *DOC IV*, Type S, pl. XXXIV, 53: 1221 - 1254

257 27 mm / 1.63 g / 6 o'clock
Obv.: C - XC
Rev.: ΔΥΚΑ on r.
Ref.: *DOC IV*, pl. XXXIV, 53.1 (*this coin*); Bendall - Protonotarios 1976, pp. 46-7, no. 2a (*this coin*).
Prov.: Bendall colln.



258 25 mm / 1.58 g / 6 o'clock
Ref.: Bendall - Protonotarios 1976, pp. 46-7, no. 2b (*this coin*).
Prov.: Bendall colln.



Obv.: Ⓞ B Full-length figure of St. George nimbate, wearing short military tunic, breastplate and sagion; r. hand spear resting over shoulder; l. hand shield resting on ground. B B in field.
Rev.: ΙΩ/Δ/Ε to l., ΟΔΥΚ on r. Emperor seated upon throne with back, wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand sword; l. hand sheath horizontally across knees.
 Sear 2108; *DOC IV*, Type T, pl. XXXIV, 54: 1221 - 1254

259 29 mm / 3.40 g / 6 o'clock
Obv.: Ⓞ B B in field.
Rev.: ΙΩ to l., Ο to r.
Ref.: Sear 2108 (*this coin*).
Prov.: Bendall colln.



260 30 mm / 3.60 g / 6 o'clock
Obv.: Ο/ΑΙ/Ο/Σ to r.
Rev.: ΙΩ/Δ/Ε to l., ΟΔΥΚ on r.
Ref.: *DOC IV*, pl. XXXIV, 54.3 (*this coin*).
Prov.: Bendall colln.



Obv.: $\overline{\text{IC}}$ $\overline{\text{XC}}$ in field. Full-length figure of Christ, bearded and nimbate, standing on dais (?) r. hand raised in benediction; l. hand Gospel. Star to l. and r., in field.

Rev.: ω $\text{C}\Pi\text{O}$ – $\Delta\text{X}\text{K}\Lambda\text{C}$ Full-length figure of emperor, wearing stemma, div., c-p, jewel. loros of simpl. type and sagion; r. hand anexikakia; l. hand star on long shaft surmounting li Sear 2109; *DOC IV*, Type U, pl. XXXIV, 55: 1221 - 1254

261 28 mm / 2.02 g / 6 o'clock

Obv.: $\overline{\text{IC}}$ – $\overline{\text{XC}}$

Rev.: $\omega\text{CC}\Pi\text{O}$ on l.

Prov.: Bendall colln.



262 25 mm / 2.00 g

Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: $\overline{\text{IC}}$ $\overline{\text{XC}}$ in field. Bust of Christ, beardless and nimbate; l. hand scroll. Pellets in each limb of nimbus cross.

Rev.: $\overline{\text{I}\Psi/\Delta\text{E}\text{C}}$ to l., $\text{F}/\text{B}/\Delta\text{X}\text{K}$ to r. Full-length figure of emperor on l., and of St. Tryphon, beardless and nimbate; between them long shaft, at the head of which lily, and at the base of which small globe. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum on long shaft. Saint wears short military tunic, breastplate and sagion; l. hand scepter with triple head.

Sear 2110 (as St. Theodore on the rev.); *DOC IV*, Type V (Uncertain/Addenda), pl. LIV, 1: 1221 - 1254

263 28 mm / 2.13 g / 6 o'clock

Obv.: $\overline{\text{IC}}$ – $\overline{\text{XC}}$

Ref.: Bendall 1978c, pp. 306-7.

Prov.: Bendall colln.



264 29 mm / 2.89 g / 6 o'clock

Obv.: $\overline{\text{IC}}$ – $\overline{\text{XC}}$

Rev.: $\Delta/\text{X}\text{K}$ to r.

Ref.: Bendall 1978c, pp. 306-7.

Prov.: Bendall colln.



265 28 mm / 3.23 g / 6 o'clock

Obv.: $\overline{\text{IC}}$ – $\overline{\text{XC}}$ $\text{O}\text{E}/\text{H}$ to l., $\text{N}\text{X}/\text{H}$ to r. Pellet in each limb of nimbus cross.

Ref.: Bendall 1978c, pp. 306-7; Veglery – Millas 1977, p. 95, no. 3.

Prov.: Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4241, 26/4/1945



266 30 mm / 4.41 g / 6 o'clock

Obv.: $\overline{\text{C}}$ – $\overline{\text{XC}}$ $\text{O}\text{E}/\text{H}$ to l., N to r.

Rev.: $\text{E}/\dots\text{O}/\dots\text{I}$ to l.

Ref.: Bendall 1978c, pp. 306-7; Veglery – Millas 1977, p. 95, no. 3.

Prov.: Bendall colln., from G. Zacos colln.



267 28.5 mm / 2.23 g / 6 o'clock

Obv.: $\overline{\text{IC}}$ – $\overline{\text{XC}}$ $\text{O}\text{E}/\text{H}$ to l., N to r.

Rev.: $\omega/\Delta/\text{C}$ to l., $\text{X}/\text{K}/\Lambda$ to r.

Ref.: Bendall 1978c, pp. 306-7; Veglery – Millas 1977, p. 95, no. 3.

Prov.: Bendall colln.



Obv.: $\overline{\text{M}\text{P}}$ $\overline{\text{O}\text{V}}$ in field. Virgin nimbate, seated upon throne without back.

Rev.: $\overline{\text{I}\Psi}$ – $\text{O}\Delta\text{X}$ Half-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand sword, point downward; l. hand gl. cr.

Sear 2111; *DOC IV*, Type W (Uncertain/Addenda), pl. LIV, 2: 1221 - 1254

268 25 mm / 2.61 g / 6 o'clock

Obv.: $\overline{\text{O}\text{V}}$

Rev.: XK on r.

Prov.: Bendall colln.



269 24 mm / 2.12 g

Obv.: Totally worn.

Rev.: $\text{I}\omega$ on l.

Prov.: Bendall colln.



270 21 mm / 1.56 g / 6 o'clock

Obv.: $\overline{\text{P}}$ – $\overline{\text{O}}$ Virgin holds beardless, nimbate head of Christ on breast.

Prov.: Bendall colln.



- 271 27 mm / 2.30 g / 6 o'clock
Obv.: ΜΡ – ΘV
Rev.: Emperor holds in l. hand globus surmounted by patriarchal cross.
Ref.: *DOC IV*, pl. LIV, 2.1 (*this coin*); Bendall – Protonotarios 1978, pp. 178-9, no. 3 (*this coin*).
Prov.: Bendall colln.



- 272 25 mm / 1.53 g / 6 o'clock
Obv.: ΜΡ – ΘV
Rev.: ΟΔϚ on r. Emperor holds in l. hand globus surmounted by patriarchal cross.
Prov.: Bendall colln., ex I.T. Roper 9/11/1975



Obv.: IC XC in field. Half-length figure of Christ, beardless and nimbate.
Rev.: ΙΩΔΕ Three-quarter-length figure of emperor on l., and of Virgin nimbate. Emp. wear stemma, div., c-p and panelled loros of simpl. type.
 Sear 2112 (?); *DOC IV*, Type X (Uncertain/Addenda) (?), pl. LIV, 3: 1221 - 1254

- 273 25 mm / 1.06 g / 6 o'clock
Ref.: Metcalf 1973, pl. 11, no. 97 (*this coin*).
Prov.: Bendall colln., from B. Braun (Ancient Arts), from Peter and Paul hoard



- 274 23.5 mm / 0.87 g / 6 o'clock
Obv.: C – X
Rev.: Large 8 between the two figures.
Prov.: Bendall colln.



Obv.: IC XC in field. Full-length figure of Christ, bearded and nimbate, standing on dais; r. hand raised in benediction; l. hand Gospel. Star to l. and r. in field.
Rev.: ΟΔΚΑC Full-length figure of emperor wearing stemma, div. and chlamys; r. hand sc. with triple head, and in l. sheathed sword, point downward.
 Sear 2096 var.; *DOC IV*, Type Z (Uncertain/Addenda), pl. LIV, 5: 1221 - 1254

- 275 29 mm / 2.41 g / 6 o'clock
Obv.: C – XC
Rev.: ΟΔΚC on r.
Ref.: Bendall – Protonotarios 1976, pp. 46-7, no. 4.
Prov.: Bendall colln.



Obv.: IC XC O ΕΜΜΑΝΘΗΛ in two columnar groups. Bust of Christ Emmanuel, beardless and nimbate; l. hand scroll. Pellets in each limb of nimbus cross.
Rev.: ΙΩ ΔΕCΠΟΤΗC – ΘΘΕΟΔΩΡΟC Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them shaft, at the head of which a star, and at the base of which a kite-shaped shield. Emp. wears stemma, div. and chlamys; r. hand labarum-headed sc. Saint wears short military tunic and breastplate; l. hand spear, resting over shoulder.
 Sear 2069; *DOC IV*, Type A² (Uncertain/Addenda), p. 701, 5 bis: 1221 - 1254

- 276 29 mm / 2.52 g / 6 o'clock
Obv.: IC – X O/EM/MA to l., N/Θ/H/Λ to r.
Rev.: ΩΔC – ΙΟCΛΛΩΡΟC
Prov.: Bendall colln., ex Foreign Prince, ex Lord Grantley



- 277 22 mm / 0.90 g / 6 o'clock
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- Uncertain**
 278 23 mm / 1.24 g
Obv.: Obscure.
Rev.: Full-length figure of emperor on l., and of St. Theodore (?) wearing short military tunic and breastplate; between them gl. cr. Emp. holds labarum-headed sc. in r. hand.
Ref.: *DOC IV* - ; Sear - ; Metcalf 1973, pl. 11, no. 90 (*this coin*).
Prov.: Bendall colln., from B. Braun (Ancient Arts), from Peter and Paul hoard



- 279 25 mm / 1.43 g / 6 o'clock
Obv.: Half-length figure of Christ, beardless and nimbate.
Rev.: Full-length figure of emperor on l., and of nimbate saint, holding between them globus. Emp. wears stemma, div. and chlamys. Saint wears stemma, div., c-p, and jewel. loros of simpl. type; holds sc. cr. in l. hand.
Ref.: *DOC IV* - ; Sear - ; Metcalf 1973, pl. 11, no. 100 (*this coin*).
Prov.: Bendall colln., from B. Braun (Ancient Arts), from Peter and Paul hoard



- 280 23 mm / 1.12 g / 6 o'clock
Obv.: IC – X Half-length figure of Christ nimbate.
Rev.: Δ... – OΛ Full-length figure of emperor on l., and of nimbate saint, holding between them globus. Emp. wears stemma, div. and chlamys; r. hand long shaft at head of which star. Saint wears stemma, div., c-p and jewel. loros of simpl. type; holds sc. cr. in l. hand.
Ref.: *DOC IV* - ; Sear - ; Metcalf 1973, pl. 11, no. 101 (*this coin*).
Prov.: Bendall colln., from Peter and Paul hoard



Tetarteron, AE

- Obv.:** Square, formed on four interlaced bands ornamented with pellets.
Rev.: ΙΩ ΔΕΣΠΟΤΗΣ Ο ΔΥΚΑΣ in two columnar groups. Full-length figure of emperor wearing stemma, short military tunic, breastplate and sagion; l. hand sword, resting over shoulder; r. hand sheath, point downward.
 Sear 2114; *DOC IV*, Type A, pl. XXXIV, 56: 1221 - 1254

- 281 22 mm / 2.35 g / 12 o'clock
Rev.: ΙΩ to l., O/Δ/Κ/Μ/Ι/Σ to r.
Ref.: Sear 2114 (*this coin*).
Prov.: Bendall colln., ex Lord Grantley



- 282 24 mm / 3.36 g
Rev.: ΙΩ/Δ to l., O/Δ/Κ/Α/Ι/Σ to r.
Prov.: Bendall colln.



- Obv.:** Head of cherub with four wings; triangle of three pellets in field to either side.
Rev.: ΙΩ ΔΕΣΠΟΤΗΣ Ο ΔΥΚΑΣ in two columnar groups. Full-length figure of emperor wearing stemma, div. and chlamys; r. hand labarum-headed sc.; l. hand gl. cr.
 Sear 2115; *DOC IV*, Type B, pl. XXXIV, 57: 1221 - 1254

- 283 20 mm / 1.76 g / 6 o'clock
Rev.: ΙΩ/Δ/Ε/Ι/Σ/Π/Ι/Σ to l.
Prov.: Bendall colln.



- Obv.:** Θ Ε in field. Bust of St. George, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear, resting over shoulder; l. hand shield.
Rev.: ΙΩ ΔΕΣΠΟΤΗΣ Ο ΔΥΚΑΣ in two columnar groups. Full-length figure of emperor wearing stemma, div., c-p, jewel. loros of simpl. type and sagion; r. hand labarum on long shaft; l. hand anexikakia.
 Sear 2116; *DOC IV*, Type C, pl. XXXIV, 58: 1221 - 1254

- 284 21.5 mm / 2.86 g / 6 o'clock
Obv.: Θ to l., Ε to r.
Rev.: ΙΩ/ΔΕΣ/ΠΟ to l., ΔΥΚ/Α/Ι/Σ to r.
Prov.: Bendall colln.
- 285 20 mm / 2.66 g / 6 o'clock
Obv.: Θ to l., Ε to r.
Rev.: ΙΩ/ΔΣΣ/ΠΟ to l., Ο/ΔΥΚ/Α/Ι/Σ to r.
Prov.: Bendall colln., from Istanbul Aug. 1970
- 286 19 mm / 3.38 g / 6 o'clock
Obv.: Θ to l., Ε to r.
Rev.: ...ΣΣ/ΠΟ/Ι/Σ to l., Λ/Κ/Α/Ι/Σ to r.
Prov.: Old Ashmolean colln., from Revd. T. Greville Chester 1892
- 287 21 mm / 3.05 g / 6 o'clock
Obv.: Ε to r.
Rev.: ΟΔΥΚ/Α/Ι/Σ to r.
Ref.: *DOC IV*, pl. XXXIV, 58.6-58.7.
Prov.: Old Ashmolean colln., 11/1/1967
- 288 20 mm / 2.23 g / 6 o'clock
Obv.: Θ to l., Ε to r.
Rev.: ΙΩ/ΔΕΣ/ΠΟ/Η to l., Ο/ΔΥΚ/Α/Ι/Σ to r.
Prov.: Old Ashmolean colln., from Sir C. Warren (gift)
- 289 22 mm / 3.58 g / 6 o'clock
Obv.: Θ to l.
Rev.: ΙΩ/ΔΕΣ to l., ΟΔΥΚ/Α/Ι/Σ to r.
Prov.: Old Ashmolean colln., from Sabin galleries 1960
- 290 20.5 mm / 2.29 g / 6 o'clock
Obv.: Θ to l., Ε to r.
Rev.: Ο/ΔΥΚ/Α/Ι/Σ to r.
Prov.: Old Ashmolean colln., from Sabin galleries 1960



Obv.: Cross within crescent-shaped ornament decorated with pellets.

Rev.: ΙΩ ΔΕCΠ Ο ΔΣ or ΙΩ Ο/Δ Half-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand globus surmounted by patriarchal cross.

Sear 2117; *DOC IV*, Type D, pl. XXXIV, 59: 1221 - 1254

- 291 20 mm / 2.42 g / 6 o'clock
Ref.: Sear 2117 (*this coin*); Bendall 1987b, pp. 3-4, fig. 7 (*this coin*).
Prov.: Bendall colln.



- 292 19 mm / 1.18 g / 6 o'clock
Prov.: Bendall colln.



Obv.: ΙC XC in field. Bust of Christ, beardless and nimbate; l. hand scroll.

Rev.: ΙΩ/ΔCC/ΠΟ/Τ to l., Ο/Δ/Σ to r. Full-length figure of emperor wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand labarum on long shaft; l. hand globus surmounted by patriarchal cross.

Sear 2118; *DOC IV*, Type E, pl. XXXIV, 60: 1221 - 1254

- 293 17 mm / 2.29 g / 6 o'clock
Obv.: ΙC
Rev.: Ω/ΔCC/ΠΟ to l., Ο/Δ/Σ/Κ to r.
Ref.: *DOC IV*, pl. XXXIV, 60.4 (*this coin*).
Prov.: Bendall colln.



Obv.: Η in l. field. Three-quarter-length figure of Virgin nimbate, orans, turned slightly to r. Star on either side in field.

Rev.: ΙΩΔΕCΠ - ΟΔΣΚ Full-length figure of emperor wearing stemma, div. and jewel. lora of simpl. type; r. hand labarum-headed sc.; l. hand globus surmounted by patriarchal cross, which he holds by the shaft.

Sear 2119; *DOC IV*, Type F, pl. XXXIV, 61: 1221 - 1254

- 294 21 mm / 1.87 g / 6 o'clock
Rev.: ΙΩΔΕCΠ - ΙΑΣΚ
Ref.: *DOC IV*, pl. XXXIV, 61.2 (*this coin*).
Prov.: Bendall colln., ex Lord Grantley



- 295 20 mm / 1.88 g / 6 o'clock
Obv.: Η
Rev.: Ο/Α/Σ/Κ to r.
Prov.: Bendall colln.



Obv.: ΙC XC in field. Patriarchal cross on three steps.

Rev.: ΙΩ ΔΕ Half-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum-headed sc.; l. hand gl. cr.

Sear 2120; *DOC IV*, Type G, pl. XXXIV, 62: 1221 - 1254

- 296 19 mm / 2.47 g / 6 o'clock
Obv.: ΙC - XC
Rev.: Ω to l., ΑΟ/Κ to r.
Ref.: Protonotarios 1972a, p. 56, no. 4.
Prov.: Bendall colln.



- 297 18 mm / 1.83 g / 6 o'clock
Obv.: ΙC - X
Rev.: ΔΕ to r. Emperor holds in r. hand sc. cr.
Ref.: *DOC IV*, pl. XXXIV, 62.b (*this coin*); Bendall - Protonotarios 1978, pp. 178-9, no. 6 (*this coin*); Protonotarios 1972a, p. 56, no. 4.
Prov.: Bendall colln.



Theodore II Ducas-Lascaris (1254-1258) Magnesia

Hyperpyron, AV

Obv.: ΙC XC in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel.

Rev.: Inscription in two columnar groups. ΜΡ ΘV in upper and r. field. Full-length figure of emperor on l., crowned by Virgin nimbate. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand labarum on long shaft; l. hand anxikakia.

Α to r., or to l. and r., above throne. ΘΕΟΔΩΡΟΣ ΔΕCΠΟΤΗΣ Ο ΛΑCΚΑΡΙC in two columnar groups on rev.

Sear 2136; *DOC IV*, Var. I, pl. XXXV, 1: 1254/55

- 298 26 mm / 4.37 g / 6 o'clock
Obv.: ΙC - XC (Α to r. above throne.)
Rev.: ΘV ΙΩ/ΟC/ΔΕC to l., ΠΟ/ΤΗC/ΛΑ/Κ/ΡΙ to r.
Ref.: *DOC IV*, pl. XXXV, 1a.
Prov.: Bendall colln., from Istanbul 1972



- 299 26 mm / 4.25 g / 6 o'clock
Obv.: X (A to r. and l. above throne.)
Rev.: ΔΡ/ΟC to l., ΑΚ/ΟΛΚ/Ρ to r.
Ref.: *DOC IV*, pl. XXXV, 1b; Protonotarios 1972a, p. 57, no. 5.
Prov.: Bendall colln.



B to r., or to l. and r., above throne. ΘΕΟΔΩΡΟΣ ΔΥΚΑC
 Ο ΛΑCΚΑΡΙC in two columnar groups on rev.
 Sear 2136; *DOC IV*, Var. II, pl. XXXV, 2: 1254/55
 (See Siglon A for Coins 298-299)

- 300 26 mm / 4.33 g / 6 o'clock
Obv.: IC - XC (B to r. above throne.)
Rev.: Η - ΘV ΟC/Ε to l., ΑΚΛ/ΟΛΚ/Ρ/ΙC to r.
Ref.: *DOC IV*, pl. XXXV, 2a; Bendall 1975, p. 104 (*this coin*).
Prov.: Bendall colln.



Aspron Trachy, Electrum

Obv.: IC XC in field. Full-length figure of Christ, bearded and nimbate (standing on dais); l. hand Gospel.
Rev.: ΘΕΟΔΩΡΟΣ Ο ΛΑCΚΑΡΙC in two columnar groups. Full-length figure of emperor at of beardless, nimbate, military saint (Demetrius?); between them patriarchal cross on long shaft. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand sc. cr. Saint wears short military tunic, breastplate and sagion; l. hand spear, resting over shoulder.
 Sear 2137; *DOC IV*, Type I, pl. XXXV, 5: 1254/55

- 301 29 mm / 2.59 g / 6 o'clock
Obv.: IC - XC (A to r. in field.)
Rev.: ΘΕ/ΟΛΩ/ΡΟC/ΔΕ to l., Κ/Ρ to r.
Prov.: Bendall colln.



Obv.: ΘVΩN in two columnar groups. Full-length figure of St. Tryphon, beardless and nimbate, wearing tunic and kolobion; r. hand cross. Lily to l. and r. in field.
Rev.: ΘΕΟΔΩΡΟΣ ΔΕCΠΟΤΗC ΔΥΚΑC Ο ΛΑCΚΑΡΙC in two columnar groups. Full-length figure of emperor wearing stemma, div. and panelled chlamys; r. hand labarum-headed sc.; l. hand globus surmounted by patriarchal cross.
 Sear 2138; *DOC IV*, Type II, pl. XXXV, 6: 1255/56

- 302 29 mm / 2.47 g / 6 o'clock
Obv.: Γ/Θ/ΦV to l., Ω to r. (M in r. field; lily in lower l. and r. field.)
Rev.: ΘΕ/... to l., ΟΚ to r.
Prov.: Bendall colln.



Obv.: IC XC in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel.
Rev.: ΘΕΟΔΩΡΟΣ ΔΕCΠΟΤΗC ΔΥΚΑC Ο ΛΑCΚΑΡΙC Ο ΑΓΙΟC ΤΡΥΦΩΝ in two columnar groups. Full-length figure of emperor on l., and of St. Tryphon, beardless and nimbate; between them labarum on long shaft at the base of which a lily. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand sc. cr. Saint wears tunic and kolobion.
 Sear 2139; *DOC IV*, Type III, pls. XXXV - XXXVI, 7: 1256/57

- 303 32 mm / 2.85 g / 6 o'clock
Obv.: IC - XC (Γ Γ in field.)
Rev.: Ρ/ΟC/ΔΕC/ΠΟ/ΤΙ to l., ΦV/Ω.../ΑΩ/ΑC/ΑCΚ/ΑΡ/ΙC to r.
Ref.: *DOC IV*, pl. XXXVI, 7.4 (*this coin*).
Prov.: Bendall colln.



Aspron Trachy, Billon

Obv.: IC XC in field. Full-length figure of Christ bearded and nimbate, standing on dais; r. hand raised in benediction; l. hand Gospel. Β Β in field.
Rev.: ΘΕΟΔΩΡΟΣ ΔΕCΠΟΤΗC ΔΥΚΑC Ο ΛΑCΚΑΡΙC in two columnar groups. Full-length figure of emperor on l., crowned by Virgin nimbate. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand sc. cr.; l. hand gl. cr.
 Sear 2141; *DOC IV*, Type A, pl. XXXVI, 9: 1256/57?

- 304 29 mm / 5.39 g / 6 o'clock
Obv.: IC - X (K in lower l. field; B in r. field.)
Rev.: Ε to l., Ο/ΔΚ/Λ/... to r.
Prov.: Bendall colln., from Sipheriades Athens July 1971



- 305 30 mm / 3.50 g / 6 o'clock
Obv.: IC – XC (B 8 in field.)
Rev.: Θ OC/ΔCC to l.
Prov.: Bendall colln.



Obv.: Θ FVϷ in two columnar groups. Full-length figure of St. Tryphon, beardless and nimbate, wearing tunic and kolobion; r. hand cross. Lily to l. and r. in lower field.
Rev.: ΘΕΟΔΩΡΟΣ ΔΕΣΠΟΤΗΣ ΔΥΚΑΣ Ο ΛΑΣΚΑΡΙΣ in two columnar groups. Full-length figure of emperor wearing stemma, div. and panelled chlamys; r. hand labarum-headed sc; l. hand gl. cr. *Manus Dei* in upper r. field.
 Sear 2142; *DOC IV*, Type B, pl. XXXVI, 10: 1255/56

- 306 30 mm / 3.94 g / 6 o'clock
Obv.: Θ/FV to l., Ϸ to r.
Rev.: Π/ΤC/O/V/Λ/C to r.
Ref.: *DOC IV*, pl. XXXVI, 10a.
Prov.: Bendall colln.



Obv.: Ο ΑΓΙΟΣ ΘΕΟΔΩΡΟΣ in two columnar groups. Full-length figure of St. Theodore, bearded and nimbate, wearing short military tunic, breastplate and sagion; r. hand spear; l. hand shield.
Rev.: ΘΕΟΔΩΡΟΣ ΔΕΣΠΟΤΗΣ Ο ΛΑΣΚΑΡΙΣ or Ο ΔΥΚΑΣ in two columnar groups. Full-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum on long shaft; l. hand globus surmounted by patriarchal cross.
 Sear 2143; *DOC IV*, Type C, pl. XXXVI, 11: 1254/55?

- 307 32 mm / 5.24 g / 6 o'clock
Obv.: Ο/Α/Γ/Ι to l., ΘΕ/Ο/Δ/Ο/Ρ/Ο/Σ to r.
Rev.: Ε/Τ/Σ to l., Ο above .../Σ/Κ to r.
Ref.: Sear 2143 (*this coin*); Bates 1981, p. 155, 3389 (*this coin*).
Prov.: Bendall colln., ex Bates colln., acquired Izmir (Alaşehir) 8/9/1967



- 308 28 mm / 4.01 g / 6 o'clock
Obv.: Α/Γ/Ι to l.
Rev.: Ε/Δ/Ω/Ο/Σ/Δ/Ε to l., Τ/Σ/Κ to r.
Ref.: Bendall – Protonotarios 1976, pp. 46-8, no. 5 (emperor holding gl. cr.).
Prov.: Bendall colln.



Tetarteron, AE

Obv.: Lily. Pellet in upper and lower field, to either side.
Rev.: ΘΕΟΔΩΡΟΣ ΔΕΣΠΟΤΗΣ in two columnar groups. Full-length figure of emperor wearing stemma, div. and chlamys; r. hand labarum on long shaft; l. hand anexikakia.
 Sear 2145; *DOC IV*, Type A, pl. XXXVI, 13

- 309 16 mm / 2.33 g / 6 o'clock
Rev.: ΔΕΣΠ on r.
Ref.: *DOC IV*, pl. XXXVI, 13a.
Prov.: Bendall colln.



- 310 19 mm / 1.44 g / 6 o'clock
Rev.: ΘΕ/Ο/Δ to l., ΡΟC above, Δ to r.
Ref.: *DOC IV*, pl. XXXVI, 13a; Sear 2145 (*this coin*).
Prov.: Bendall colln., from Mellon colln.



**Anonymous Ruler
 Magnesia**

Tetarteron, AE

Obv.: Letter θ decorated with pellets. Group of three pellets on either side in field.
Rev.: Emperor seated upon throne with back, wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.
 Sear 2151; *DOC IV*, Type A, pl. XXXVII, 3: 1227 - 1261?

- 311 19 mm / 2.89 g / 6 o'clock
Ref.: *DOC IV*, pl. XXXVII, 3.5; Sear 2151 (*this coin*).
Prov.: Bendall colln.



- 312 20 mm / 2.60 g / 6 o'clock
Ref.: Sear 2151 var.
Prov.: Bendall colln.



Obv.: Complex of interlaced bands decorated with pellets.
Rev.: Full-length figure of emperor wearing stemma, div. and chlamys; r. hand uncertain object on long shaft; l. hand uncertain object.
 Sear 2152; *DOC IV*, Type B, pl. XXXVII, 4: 1227 - 1261?

- 313 19 mm / 1.46 g / 6 o'clock
Ref.: *DOC IV*, pl. XXXVII, 4 (*this coin*).
Prov.: Old Ashmolean colln., from Sabin galleries 1960



Obv.: Cross radiate with lunate ornaments, decorated with pellets, at ends.
Rev.: ΜΡ ΘV in field. Half-length figure of Virgin nimbate, orans.
 Sear 2154; *DOC IV*, Type D, pl. XXXVII, 6: 1227 - 1261?

- 314 20 mm / 2.99 g / 6 o'clock
Rev.: ΜΡ – ΘV
Ref.: *DOC IV*, pl. XXXVII, 6.1.
Prov.: Bendall colln.



- 315 19 mm / 1.65 g / 6 o'clock
Prov.: Bendall colln.



Obv.: Cross, decorated with pellets. IC in upper quarters, XC in lower quarters.
Rev.: Β 8 decorated with pellets; pellet in loops of letter to r.
 Sear 2155; *DOC IV*, Type E, pl. XXXVII, 7: 1227 - 1261?

- 316 21 mm / 1.77 g / 9 o'clock
Prov.: Bendall colln.



Obv.: Head of flower.
Rev.: Β 8 decorated with pellets; pellet in loops of letter to r.
 Sear 2156; *DOC IV*, Type F, pl. XXXVII, 8: 1227 - 1261?

- 317 20 mm / 3.01 g / 11 o'clock
Ref.: *DOC IV*, pl. XXXVII, 8 (*this coin*);
 Bendall – Protonotarios 1978, pp. 178-9, no. 5
 (*this coin*).
Prov.: Bendall colln.



Obv.: Radiate, floriate, cross.
Rev.: Ο ΑΓΙΟΣ ΘΕΟΔΩΡΟΣ in two columnar groups. Three-quarter-length figure of St. Theodore, bearded and nimbate, wearing tunic, breastplate and sagion; r. hand sword, resting over shoulder; l. hand shield.
 Sear 2157; *DOC IV*, Type G, pl. XXXVII, 9: 1227 - 1261?

- 318 21 mm / 2.59 g / 6 o'clock
Rev.: Ο to l., Θ/ΟΔΟ/Ρ to r.
Ref.: Bendall – Protonotarios 1976, no. 10
 (*this coin*).
Prov.: Bendall colln.



- 319 22 mm / 1.91 g / 6 o'clock
Rev.: Ο/ΑΓ/Ο/Ι/Ο to l., ΘΕ/ΟΔΟ/ΡΟΣ to r.
Prov.: Bendall colln.



Empire of Thessalonica: Theodore Comnenus-Ducas (1224-1230)

Thessalonica

Aspron Trachy, Electrum

Obv.: IC XC in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; Gospel in l. Pellets, normally ∴ or ∙ in each limb of nimbus cross.

Rev.: ΘΕΟΔΩΡΟΣ ΔΥΚΑ – Ο ΑΓΙΟΣ ΔΙΜΙΤΡΙΟΣ Full-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them cross-within-circle surmounting triangular decoration on long shaft. Emp. wears stemma, div. and jewel. loros of traditional type. Saint wears short military tunic, breastplate and sagion; l. hand sword resting over shoulder.
 Sear 2158; *DOC IV*, Type A, pl. XXXVIII, 1: 1224/25?

- 320 30 mm / 2.62 g (pierced) / 6 o'clock
Obv.: IC – XC (IC to l., AK to r., above throne.)

Rev.: ΔΙΜ on r.
Ref.: *DOC IV*, pl. XXXVIII, 1a.2.
Prov.: Bendall colln., from BM (by exchange), from de Salis colln.



Obv.: ΜΡ ΘV Η ΑΓΙΟΣΩΡΗΤΗΝΑ in two columnar groups. Full-length figure of Virgin Hagiosoritissa nimbate, orans.

Rev.: ΘΕΟΔΩΡΟΣ ΔΕΣΠΟ – Ο ΑΓΙΟΣ ΔΙΜΙΤΡΙΟΣ Full-length figure of emperor on l., and of St. Demetrius, beardless and nimbate, giving model of the city of Thessalonica with three towers into the hands of the emperor. Emp. wears stemma, div., c-p and jewel. loros of simpl. type. Saint wears short military tunic, breastplate and sagion. *Manus Dei* in upper centre field.
 Sear 2159; *DOC IV*, Type B, pl. XXXVIII, 2: 1227?

- 321 28 mm / 1.41 g (pierced) / 6 o'clock
Obv.: $\overline{\text{MP}}$ $\overline{\text{V}}$ H/Γ to l., $\overline{\text{WP/HT/HC/A}}$ to r. (Δ to r. above inscription.)
Ref.: *DOC IV*, pl. XXXVIII, 2a.3 (*this coin*).
Prov.: Bendall colln., from Dumbarton Oaks (by exchange)



- 322 15 mm / 0.63 g (clipped) / 6 o'clock
Obv.: AΓ/A to l., $\overline{\text{WP/HT/HC/A}}$ to r. (Δ to r. above inscription.)
Prov.: Bendall colln., from a Greek friend (gift)



Obv.: $\overline{\text{MP}}$ $\overline{\text{V}}$ in upper field. Virgin nimbate, seated upon throne with back; holds beardless nimbate head of Christ on breast.

Rev.: $\overline{\text{ΘΕΟΔΩΡΟΣ ΔΥΚΑΚ. IC XC}}$ in upper and r. field. Full-length figure of emperor on l., crowned by Christ, bearded and nimbate. Emp. wears stemma, div., jewel. loros of simpl. ty and sagion; r. hand sheathed sword, point downward; l. hand anexikakia. Christ holds Gosp in l. hand.

Sear 2160; *DOC IV*, Type C, pl. XXXVIII, 3: 1225/26?

- 323 32 mm / 2.99 g / 6 o'clock
Obv.: M – $\overline{\text{Θ}}$ (Back of throne decorated with Γ P.)
Rev.: $\overline{\text{IC}}$ – $\overline{\text{XC}}$
Ref.: *DOC IV*, pl. XXXVIII, 3a.1.
Prov.: Bendall colln., from Glendining 23/4/1925, from R.T. Cassal colln.



Aspron Trachy, Billon

Obv.: $\overline{\text{IC}}$ $\overline{\text{XC}}$ O $\overline{\text{EMMAN} \overline{\text{N}} \overline{\text{H}} \overline{\text{A}}$ in two columnar groups. Bust of Christ Emmanuel, beardless and nimbate; l. hand scroll. ✱ in each limb of nimbus cross.

Rev.: $\overline{\text{ΘΕΟΔΩΡΟΣ ΔΥΚ}}$ – O $\overline{\text{ΛΓΙΟΣ ΔΙΜΙΤΡ}}$ Full-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them cross-within-circle, surmounting triangular decoration on long shaft. Emp. wears stemma, div. and chlamys. Saint wears short military tunic, breastplate and sagion; l. hand sword resting over shoulder.

Sear 2161; *DOC IV*, Type A, pl. XXXVIII, 4: 1224/25?

- 324 35 mm / 2.99 g / 6 o'clock
Obv.: $\overline{\text{IC}}$ – $\overline{\text{XC}}$
Rev.: Δ...Δ on l. (Double-struck; as a result each figure holds one cross-within-circle.)
Prov.: Bendall colln.



- 325 32 mm / 4.32 g / 6 o'clock
Obv.: $\overline{\text{IC}}$ – $\overline{\text{XC}}$ O $\overline{\text{E/MM/A}}$ to l., δ to r.
Prov.: Bendall colln.



- 326 31 mm / 4.37 g / 6 o'clock
Obv.: $\overline{\text{IC}}$ E/MM to l.
Rev.: Δ on l.
Prov.: Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4242, 26/4/1945



Obv.: $\overline{\text{IC}}$ $\overline{\text{XC}}$ in field. Christ, beardless and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand raised holding scroll.

Rev.: $\overline{\text{ΘΕΟΔΩΡΟΣ ΔΕΣΠΟΤ}}$ – O $\overline{\text{ΑΓΙΟΣ ΔΙΜΙΤΡΙ}}$ Full-length figure of emperor on l., crowned by St. Demetrius, beardless and nimbate. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.; l. hand anexikakia. Saint wears short military tunic, breastplate and sagion; l. hand sheathed sword, point downward.

Sear 2162; *DOC IV*, Type B, pl. XXXVIII, 5: 1227?

- 327 32 mm / 3.45 g (pierced) / 6 o'clock
Obv.: $\overline{\text{IC}}$ – $\overline{\text{XC}}$ (Δ with star underneath to l. and r. above throne.)
Ref.: Sear 2162 (*this coin*).
Prov.: Bendall colln., from Greek collector (by exchange)



Obv.: $\overline{\text{MP}}$ $\overline{\text{V}}$ in upper field. Virgin nimbate, seated upon throne with back; holds beardless, nimbate head of Christ on breast.

Rev.: $\overline{\text{ΘΕΟΔΩΡΟΣ ΔΕΣΠΤ}}$ – O $\overline{\text{ΑΓΙΟΣ ΘΕΟΔΩΡ}}$ Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them cross-within-circle, surmounting triangular decoration on long shaft. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand sheathed sword, point downward. Saint wears short military tunic, breastplate and sagion; l. hand shield, resting on ground.

Sear 2164; *DOC IV*, Type C, pl. XXXIX, 6: 1228/29?

328 33 mm / 3.77 g / 6 o'clock

Obv.: ΜΡ

Rev.: ΘΕ...Δ...ΡΟΔΕC – ΑΓΙ...

Prov.: Bendall colln.



Obv.: ΙC XC in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction, holds Gospel in l. hand. Pellet normally in each limb of nimbus cross.

Rev.: ΘΕΟΔΩΡΟC ΔΧΚ – Χ/Μ Full-length figure of emperor on l., and of St. Michael nimbate, giving model of the city of Thessalonica with three towers into the hands of the emperor. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand labarum-headed sc. Saint wears div., c-p and panelled loros of simpl. type; l. hand jewel. sc. *Manus Dei* in upper centre field.

Sear 2165; *DOC IV*, Type D, pl. XXXIX, 7: 1226/27?

329 32 mm / 3.86 g / 6 o'clock

Obv.: ΙC – XC Pellets in each limb of nimbus cross. Star to r. above throne.

Rev.: ΘΕΟΔ on l., Χ to r.

Ref.: *DOC IV*, pl. XXXIX, 7a.

Prov.: Bendall colln.



330 30.5 mm / 3.72 g / 6 o'clock

Obv.: ΙC – XC Pellets in each limb of nimbus cross. Star to r. above throne.

Rev.: Μ/Χ to r.

Prov.: Bendall colln.



331 33 mm / 3.27 g / 6 o'clock

Obv.: ΙC – XC Pellets in each limb of nimbus cross. Star to r. above throne.

Rev.: ΘΕΟ on l., Μ to r.

Prov.: Bendall colln.



Obv.: Ο ΑΓΙΟC ΔΗΜΗΤΡΙΟC in two columnar groups. St. Demetrius, beardless and nimbate, seated upon throne without back, wearing tunic, breastplate and sagion; r. hand hilt of sword; l. hand sheath, horizontally across knees.

Rev.: ΘΕΟΔΩΡΟC ΔΕC. ΜΡ ΘV in upper and r. field. Half-length figure of emperor on l., and of Virgin nimbate; between them patriarchal cross on long shaft, at the base of which, a small globe. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr. *Manus Dei* in upper l. field.

Sear 2167; *DOC IV*, Type F, pl. XXXIX, 9: 1227/28?

332 31 mm / 4.67 g / 6 o'clock

Obv.: Ο/Α/ΙΟC to l., ΔΗ/ΗΤ/ΠΙΟC to r.

Rev.: ΜΡ – ΘV

Prov.: Bendall colln.



333 30 mm / 2.65 g / 6 o'clock

Obv.: ΟΑ/ΠΙΟC to l., ΔΗ/ΗΤ/ΠΙΟ to r.

Rev.: ΔΟΡ on l.

Prov.: Bendall colln.



334 31 mm / 2.97 g / 6 o'clock

Obv.: Ο/ΑΓΙ/ΟC to l., ΔΗ/ΗΤ/ΠΙΟC to r.

Cross in l. field above throne.

Rev.: ΜΡ – ΘV

Prov.: Bendall colln.



Obv.: ΙC XC in field. Bust of Christ Emmanuel, beardless and nimbate; l. hand scroll. Pellet, or pellets, in each limb of nimbus cross.

Rev.: ΘΕΟΔΩΡΟC ΔΕCΠΟΤΗC ΚΟΜΝΗΝΟC Ο ΔΧΚΑC in two columnar groups. Full-length figure of emperor, wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand globus surmounted by single- or double barred cross. *Manus Dei* in upper r. field.

Sear 2168; *DOC IV*, Type G, pl. XXXIX, 10: 1229/30?

335 33 mm / 4.44 g / 6 o'clock

Obv.: ΙC – XC Pellets in each limb of nimbus cross.

Rev.: ΘΕ/ΟΔΟ/ΡΟC/ΔΕC/ΠΟΤ/ΗC to l., Ο/Μ/Η/Ν/ΟCΟ/ΧΚΑ/C to r. Holds globus surmounted by single-barred cross.

Ref.: *DOC IV*, pl. XXXIX, 10b.1-2.

Prov.: Bendall colln., from Turkey 1970



- 336 30 mm / 4.23 g (pierced) / 6 o'clock
Obv.: IC – XC Star in l. and r. field.
Rev.: ...T... to l., KOMN/HN/OCOD/V·K/ΔC to r. Holds globus surmounted by double-barred (patriarchal) cross.
Ref.: *DOC IV*, pl. XXXIX, 10c.1.
Prov.: Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4241, 26/4/1945



As last, but small module.

Sear - ; *DOC IV*, -

- 337 24 mm / 1.51 g / 6 o'clock
Obv.: XC
Rev.: ΘΕ/Λ to l., Μ/Ν/Η/Ν/ΟΔ to r. Holds globus surmounted by single-barred cross (?).
Ref.: *DOC IV* - ; Sear - .
Prov.: Bendall colln., from B. Braun (Ancient Arts), from Peter and Paul hoard



Tetarteron, AE

Obv.: +ΘΕ/ΟΔΨΡΟΣ/ΔΕΣΠΟΤ/ΗCΟΔΟΝ/ΚΑC Legend in five lines.
Rev.: ΘΕΟΔΨΡΟΣ ΔΥΚΑC (or ΔΕCΠΟ) – Ο ΑΓΙΟΣ ΔΙΜΙΤ Half-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them patriarchal cross-crosslet on long shaft decorated with crescent and pellet, ending in three steps. Emp. wears stemma, div., c-p. and jewel. loros of simpl. type; l. hand anexikakia. Saint wears tunic, breastplate a sagion; r. hand sword resting over shoulder; l. hand shield.
 Sear 2170; *DOC IV*, Var. B, pl. XL, 12: 1227/28?

- 338 24 mm / 4.03 g / 6 o'clock
Obv.: +ΘΕ/ΟΔΨΡΟΣ/ΔΕCΠΟΤ/ΗCΟΔΟΝ/ΚΑC
Rev.: ΘΕΟΔ on l., Η on r.
Prov.: Bendall colln.



- 339 22 mm / 4.63 g / 6 o'clock
Obv.: +ΘΕ/ΟΔΨΡΟΣ/ΔΕCΠΟΤ/ΗCΟΔΟΝ/ΚΑC
Rev.: ΘΕΟΔΟΡΟΣΔΕCΠΟ – ΟΑΓΙΟΣΔΙΜΙΡ
Prov.: Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4241, 26/4/1945



- 340 23 mm / 3.82 g / 6 o'clock
Obv.: +ΘΕ/ΟΔΨΡΟΣ/ΔΕCΠΟΤ/ΗCΟΔ/ΚΑ
Rev.: ΘΕΟΔΨΡΟΣΔΟΚC on l.
Prov.: Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4241, 26/4/1945



Half-tetarteron, AE

Obv.: ΟΑΓΗΟC ΔΗΜΗΤΡ in two columnar groups. Half-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear, resting over shoulder; l. hand shield.
Rev.: ΘΕΟΔΨΡΟΣ Ο ΔΥΚΑC normally in two columnar groups. Full-length figure of emperor, turned slightly to l., wearing stemma, div., c-p, and jewel. loros of simpl. type; r. hand gl. cr.; l. hand labarum-headed sceptre.
 Sear 2173; *DOC IV*, Type C, pl. XL, 15: 1225/26?

- 341 20 mm / 2.92 g / 6 o'clock
Obv.: Ο/ΑΓ/ΗΟ/С to l., Μ/ΗΤ/Ρ to r.
Rev.: ΘΕ/ΟΔ/Ω/Ρ/С to l., ΥΔΟ to r.
Ref.: *DOC IV*, pl. XL, 15a.1-15a.4.
Prov.: Bendall colln.



- 342 20 mm / 1.89 g / 6 o'clock
Obv.: Ο/ΑΓ/ΗΟ/С to l., Δ/Η/ΗΤ/ΙΟ to r.
Rev.: ΘΕ/Ψ/ΡΟ/С to l., Ο/ΔΥΚ/Α/С to r.
Ref.: *DOC IV*, pl. XL, 15b.1 (*this coin*).
Prov.: Bendall colln., from Dumbarton Oaks (by exchange)



- 343 19 mm / 1.83 g / 6 o'clock
Obv.: Ο/ΑΓ/ΗΟ/С to l., Δ/Η to r.
Rev.: ΔΥΚΑC on l.
Prov.: Bendall colln., from O' Hara colln., from Sicily



Manuel Comnenus-Ducas (Despot 1230-1237)

Thessalonica

Aspron Trachy, Electrum

Obv.: ΜΡ ΘV in field. Virgin nimbate, seated upon throne without back; holds beardless, nimbate head of Christ on breast.

Rev.: ΜΑΝΘΗΛ ΔΕCΠ - Χ/Ρ or Χ/Μ. Full-length figure of ruler on l., and of St. Michael, beardless and nimbate; between them sheathed sword, point downward. Emp. wears stemma, d and jewel. loros of traditional type; r. hand sc. cr. Saint wears short military tunic, breastplate at sagion; l. hand labarum-headed sc.

Sear 2175; *DOC IV*, Type B, pl. XL, 2: 1230 - 1237

344 32 mm / 3.16 g (pierced) / 6 o'clock
Obv.: ΜΡ - ΘV (J. above cushion of throne to either side.)

Rev.: ΜΑΝΘΗΛΔΕ on l., Χ/Ρ to r.

Ref.: *DOC IV*, pl. XL, 2.1 (*this coin*); Morrisson 2003, fig. 12 (*this coin*); Bendall 1969, p. 331 (*this coin*).

Prov.: Bendall colln.



Aspron Trachy, Billon

345 28 mm / 2.99 g / 6 o'clock
Obv.: ΜΡ - ΘV (J. above cushion of throne to either side.)

Rev.: ΜΑ on l., Ρ to r.

Ref.: Sear 2176; *DOC IV*, pl. XL, 2.3 (*this coin*, but under electrum aspron trachy).

Prov.: Bendall colln., from O'Hara colln.



Obv.: Ο ΑΓΙΟΣ ΔΗΜΗΤΡΙΟΣ in two columnar groups. Bust of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand hilt of sword (or cross)

Rev.: ΜΑΝΘΗΛ ΔΕC. IC XC in upper and r. field. Full-length figure of ruler on l., crowned by Christ, bearded and nimbate. Emp. wears stemma, div. and panelled chlamys; r. hand sc. cr.; l. hand anexikakia. Christ holds Gospel in l. hand.

Sear 2177; *DOC IV*, Type A, pl. XLI, 3: 1230 - 1237

346 29 mm / 2.92 g / 6 o'clock
Obv.: Ο ΑΓΙ/ΟC to l., ΔΗ/ΜΗ/ΤΡΙ/ΟC to r.
Rev.: XC. Star to r. in field.
Prov.: Bendall colln.



347 30 mm / 3.41 g / 6 o'clock
Obv.: Ο ΑΓ/ΗΟ/С to l., Δ/ΗΜ/ΗΤ/ΡΙ/Ο to r.
Rev.: IC - XC. ΜΑΝ on l. Star to r. in field.
Ref.: *DOC IV*, pl. XLI, 3a.1.
Prov.: Bendall colln.



348 29 mm / 3.53 g / 6 o'clock
Obv.: Ο ΑΓ/ΟC to l., ΔΙ/ΜΗ/ΤΡ/ΟC to r.
Rev.: XC. ΜΑΝΘΗΛΔΕC on l. Star to r. in field.
Ref.: *DOC IV*, pl. XLI, 3a.1 (*this coin?*).
Prov.: Bendall colln., from Greek collector (by exchange)



349 26 mm / 1.73 g / 6 o'clock
Obv.: Ο ΑΓ/ΙΟ to l., Δ/Η to r.
Rev.: XC. ΜΑ...ΛΔΕ on l. Two stars in r. field.
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



As last, but small module.

Sear 2184; *DOC IV* -

350 18 mm / 0.63 g
Obv.: Brockage of the reverse.
Rev.: IC

Ref.: Bendall 1978a, p. 111, pl. 27, no. 334 (*this coin*). For the rev., see Bendall - Protonotarios 1976, p. 48, no. 13.

Prov.: Bendall colln., from Thracian Plain hoard



Obv.: ΜΡ ΘV in upper field. Virgin nimbate, seated upon throne with back; holds beardless, nimbate head of Christ on breast.

Rev.: ΜΑΝΘΗΛ ΔΕCΠΟΤ - Χ/Μ Χ/Ρ. Full-length figure of ruler on l., and of St. Michael; between them labarum on long shaft. Emp. wears stemma, div., c-p and panelled loros of simpl. type. Saint wears short tunic and (sagion?) held wrapped around him.

Sear 2178; *DOC IV*, Type B, pl. XLI, 4: 1230 - 1237

351 28 mm / 1.97 g / 6 o'clock
Rev.: Μ on l., Χ/Μ Χ/Ρ to r.
Prov.: Bendall colln.



Obv.: ΜΡ ΘV in field. Bust of Virgin nimbate, orans. Star in l. and r. field.
Rev.: ΜΑΝΘΗΛ ΔΕCΠ – Ο ΑΓΙΟC ΔΙΜΙΤΡΙΟC Full-length figure of ruler on l., and of St Demetrius, beardless and nimbate, giving a globus surmounted by a patriarchal cross into the hands of the ruler. Ruler wears stemma, div., c-p and jewel. loros of simpl. type; r. hand sc. Saint wears div. and chlamys; l. hand spear.
 Sear 2179; *DOC IV*, Type C, pl. XLI, 5: 1230 - 1237

352 17 mm / 1.09 g (clipped) / 6 o'clock
Obv.: ΘV Star in r. field.
Rev.: ...ΔΕC on l., ΟΑΓΙΟC above
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



353 19 mm / 1.11 g (clipped) / 6 o'clock
Obv.: ΘV
Rev.: ΔΙΜΤ on r.
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



As last, but small module.
 Sear 2185; *DOC IV* -

354 18.5 mm / 0.52 g
Obv.: Brockage of the reverse.
Rev.: ΜΑΝ on l.
Ref.: (*DOC IV*, pl. XLI, 5.4); Sear 2185 (*this coin*); Bendall 1978a, p. 111, specimen 349 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



355 18 mm / 1.05 g / 6 o'clock
Ref.: Metcalf 1973, pl. 11, no. 109 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: Χ/Ρ Χ/Μ Half-length figure of St. Michael nimbate, wearing div., c-p and panelled loros of simpl. type; r. hand sword, resting over shoulder; l. hand sheath.
Rev.: ΜΑΝΘΗΛ ΔΕC – Ο ΑΓΙΟC ΚΟCΤ Full-length figure of ruler on l., and of St. Constantine; between them patriarchal cross on long shaft at the base of which, three steps. Ruler wears stemma, div., c-p and jewel. loros of simpl. type; r. hand palm-frond. Saint similarly dressed; l. hand palm-frond.
 Sear 2180; *DOC IV*, Type D, pl. XLI, 6: 1230 - 1237

356 30 mm / 4.33 g / 6 o'clock
Obv.: Χ/Ρ – Χ/Μ
Rev.: ΜΑΝΘΗΛΔΕC – ΟΑΓΙΟCΚΟCΤ
Ref.: Bendall – Protonotarios 1976, p. 48, no. 12.
Prov.: Bendall colln.



357 29 mm / 2.91 g (pierced) / 6 o'clock
Obv.: Χ/ΑΘ – Χ/Μ
Rev.: ΜΑ...Δ... – ΟΑΓ
Ref.: *DOC IV*, pl. XLI, 6.2 (*this coin*); Bendall – Protonotarios 1976, p. 48, no. 12.
Prov.: Bendall colln., from Greek collector (by exchange), bought in Athens



358 23 mm / 0.94 g / 6 o'clock
Rev.: ΟΑΙΙΟCΚΟ on r.
Ref.: Bendall – Protonotarios 1976, p. 48, no. 12.
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: ΚΕΡΟ ΗΘΕΙ. ΙC ΧC in field. Bust of Christ, beardless and nimbate; l. hand scroll.
Rev.: ΜΑΝΘΗΛ ΔΕC – ΠΟΤ – Ο ΚΩΝCΤΑΝΤΙΝΟC Full-length figure of ruler on l., crowned by St. Constantine. Ruler wears stemma, div., jewel. loros of simpl. type and sagion; l. hand anexikakia. Saint similarly dressed; l. hand labarum-headed sceptre.
 Sear 2181; *DOC IV*, Type E, pl. XLI, 7: 1230 - 1237

359 29 mm / 3.59 g / 6 o'clock
Obv.: ΚΕΟ – ΗΘΕΙ. ΙC – ΧC
Rev.: ΜΑΝΘΗΛΔΕC on l., ΠΟΤ above
Prov.: Bendall colln.



360 19 mm / 0.78 g (clipped) / 6 o'clock

Obv.: IKBO on l., IC - X

Rev.: ΜΑΝΘΗΛΔΕC on l.

Prov.: Bendall colln., from Mellon colln.



Obv.: O/Λ/Θ/OΔ/Ψ Bust of St. Theodore, bearded and nimbate, wearing tunic.

Rev.: ΜΑΝΘΗΛ - ΟΛΔΜ Half-length figure of ruler on l., and of beardless, nimbate military saint (Demetrius?); between them sheathed sword, point downward. Ruler wears stemma, div., c-p, and jewel. loros of simpl. type. Saint wears tunic, breastplate and sagion. In upper centre field a cloud, with a star in the centre, out of which extends *Manus Dei*, crowning the ruler.

Sear 2182; *DOC IV*, Type F, pl. XLI, 8: 1230 - 1237

361 23 mm / 1.21 g / 6 o'clock

Obv.: O/Λ to l.

Prov.: Bendall colln.



362 23 mm / 1.39 g / 6 o'clock

Rev.: ΝΘ - ΔΜ

Ref.: Bendall 1978a, p. 111, specimen 354 (*this coin*).

Prov.: Bendall colln., from Thracian Plain hoard



363 21 mm / 1.23 g

Obv.: Brockage of the reverse.

Rev.: ΜΑΙΘΛΔ - Δ

Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: Χ/Ρ Χ/Μ Full-length figure of St. Michael nimbate, wearing short military tunic, breastplate and sagion; r. hand sword, which he is in the act of unsheathing; l. hand sheath held horizontally.

Rev.: ΜΑΝΘΗΛΔΕCΠΟΤΙ - ΠΟΛΙCΘ/ΕCCA/ΛΟΝ/ΙΚΗ - ΟΑΓΙΟCΔΙΜΙΤΡΙΟC Ruler on l., and St. Demetrius, beardless and nimbate, seated upon throne without back; between them the c of Thessalonica represented as a walled town with three towers. Ruler wears stemma, div. a jewel. loros of traditional type; r. hand labarum-headed sc. Saint wears tunic, breastplate and sagion; l. hand sword resting over shoulder.

Sear 2183; *DOC IV*, Type G, pl. XLI, 9: 1230 - 1237

364 28 mm / 2.27 g / 6 o'clock

Rev.: ΜΑΝΘΗΛΔΕCΠΟΤ on l., ΠΟΛΙCΘ/ΕCCA/ΛΟΝ/ΙΚΗ above, ΟΑΓΙΟCΔΙΜΙ on r.

Ref.: *DOC IV*, pl. XLI, 9.4 (*this coin*).

Prov.: Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4242, 26/4/1945



As last, but small module.

Sear - ; *DOC IV* -

365 21 mm / 1.45 g / 6 o'clock

Rev.: ΜΑ on l.

Ref.: Bendall 1978a, p. 111, pl. 27, specimen 366 (*this coin*).

Prov.: Bendall colln., from Thracian Plain hoard



366 19 mm / 0.86 g

Obv.: Brockage of the reverse.

Rev.: ΝΘΗΛ - ΟΑΓΙΟCΔ

Ref.: Bendall 1978a, p. 111, specimen 372 (*this coin*).

Prov.: Bendall colln., from Thracian Plain hoard



367 18 mm / 0.88 g

Obv.: Brockage of the reverse.

Rev.: ΙΘΛ on l.

Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



John Comnenus-Ducas (Emperor 1237-1242; Despot 1242-1244)

Thessalonica

Aspron Trachy, Billon

Large module (DOC IV Series I)

Obv.: ΓΘ ΔΘΕΟΔΡC in two columnar groups. Full-length figure of St. Theodore, bearded and nimbate, wearing short military tunic, breastplate and sagion; r. hand spear; l. hand shield in field to either side.

Rev.: ΙΩΑΝΗCΔCCΠΤ – ΟΑΓΙC Full-length figure of emperor on l., crowned by St. Demetrius, beardless and nimbate. Emp. wears stemma, div., c-p, and panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand anexikakia. Saint wears short military tunic breastplate and sagion; l. hand sword, point resting on ground. Star in upper centre field. Sear 2188 (but as St. Demetrius on obv.); *DOC IV*, Type B, pl. XLII, 2: 1237 - 1242?

368 29 mm / 2.84 g / 6 o'clock

Obv.: Θ/Ε/Ο/Δ/ΡC to r.

Rev.: ΠΟΤ on l.

Prov.: Bendall colln.



369 29 mm / 2.76 g / 6 o'clock

Obv.: Δ/ΘΕΟ to r.

Rev.: ΙΩΑΝΗCΔCCΠΤ – ΟΔΕ

Ref.: *DOC IV*, pl. XLII, 2.2 (*this coin*).

Prov.: Bendall colln., from Foreign Prince, ex Lord Grantley



370 22 mm / 1.17 g / 6 o'clock

Obv.: Γ/Θ to l., Δ/ΘΕΟ to r.

Rev.: ΟΑΓΙC on r.

Prov.: Bendall colln.



371 21 mm / 1.09 g / 6 o'clock

Obv.: Γ/Θ to l., ΘΕ to r.

Rev.: ΙΩΑΝ – ΑΓΙΟΙΙ

Prov.: Bendall colln.



Intermediate module (DOC IV Series II)

Obv.: Eagle with outstretched wings; head turned to l.

Rev.: ΙΩΔΕCΠ – ΘΔΙΜ Half-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them a patriarchal cross-crosslet on long shaft, at the base of which, steps. Emp. wears stemma, div., c-p and jewel. loros of simpl. type.

Saint wears tunic, breastplate and sagion; l. hand spear.

Sear 2194; *DOC IV*, Type B, pl. XLII, 8: 1237 - 1242?

372 22 mm / 1.14 g / 6 o'clock

Rev.: ΙΩΔΕCΠ – ΘΔΙΜ

Ref.: Sear 2194 (*this coin*).

Prov.: Bendall colln., from Thracian Plain hoard



Obv.: Χ/Μ Half-length figure of St. Michael nimbate, wearing div., loros and sagion; r. hand sword resting over shoulder; l. hand gl. cr.

Rev.: ΙΩΑΝΝΙC – ΔΕCΠΟΤΗC Emperor seated upon throne without back, wearing stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.; l. hand anexikakia. *Manus Dei* in upper r. field.

Sear 2196; *DOC IV*, Type D, pl. XLII, 10: 1237 - 1242?

373 24 mm / 2.24 g / 6 o'clock

Prov.: Bendall colln.



Obv.: ΙC ΧC in field. Bust of Christ, bearded and nimbate; l. hand Gospel.

Rev.: ΙΩΑΝΝΙC – ΔΕCΠΟΤΗC Half-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand anexikakia.

Sear 2197; *DOC IV*, Type E, pl. XLII, 11: 1237 - 1242?

374 22 mm / 1.17 g / 6 o'clock

Obv.: ΙC – ΙC

Rev.: ΙΩ on l., ΝCΔ above

Ref.: *DOC IV*, pl. XLII, 11.1 (*this coin*);

Bendall 1978a, p. 111, pl. 27, no. 386 (*this coin*).

Prov.: Bendall colln., from Thracian Plain hoard



375 24 mm / 1.89 g / 6 o'clock

Rev.: ΔΕCΠΟΤΗC on r.

Ref.: *DOC IV*, pl. XLII, 11.2 (*this coin*);

Bendall 1978a, p. 111, pl. 27, no. 385 (*this coin*).

Prov.: Bendall colln., from Thracian Plain hoard



Small module (DOC IV Series III)

Obv.: Γ/ΟΛ/ΔΗ St. Demetrius, beardless and nimbate, seated upon throne without back.
Rev.: ΙΩΑ ΔΕ Full-length figure of emperor on l., and of Virgin nimbate; between them cross-within-circle, surmounting triangular decoration on long shaft. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand anexikakia.
 Sear 2199; *DOC IV*, Type A, pl. XLIII, 14: 1237 - 1242?

376 16.5 mm / 0.84 g / 6 o'clock
Rev.: ΔΕ on l.
Ref.: Bendall 1978a, p. 111, pl. 27, no. 388 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



377 21 mm / 0.82 g
Obv.: Brockage of the reverse.
Prov.: Bendall colln., from B. Braun (Ancient Arts), from Peter and Paul hoard



Obv.: ΓΘ ΔΘΕΟΔΡC in two columnar groups. Full-length figure of St. Theodore, bearded and nimbate, wearing short military tunic, breastplate and sagion; r. hand spear; l. hand shield. Lily in field to either side.
Rev.: ΙΩΑΝΗCΔCCΠΤ – ΟΑΓΙC Full-length figure of emperor on l., crowned by St. Demetrius, beardless and nimbate. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand anexikakia. Saint wears short military tunic, breastplate and sagion; l. hand sword, point resting on ground. Star in upper centre field.
 Sear 2200 (but as St. Demetrius on obv.); *DOC IV*, Type B, pl. XLIII, 15: 1237 - 1242?

378 20.5 mm / 0.87 g / 6 o'clock
Rev.: CΠ on l.
Ref.: Bendall 1978a, p. 111, pl. 27, no. 393 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



379 21 mm / 0.62 g / 6 o'clock
Obv.: Θ/Ε/Ο to r.
Ref.: Bendall 1978a, p. 111, specimen 399 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



380 20 mm / 0.49 g / 6 o'clock
Ref.: Bendall 1978a, p. 111, specimen 403 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



Obv.: ΜΡ ΘV in field. Virgin nimbate, seated upon throne without back; holds beardless, nimbate head of Christ on breast.
Rev.: ΙΩΑΝΝΙCΔCCΠΟΤΙ Full-length figure of emperor wearing short military tunic, (breastplate?), and sagion; r. hand labarum on long shaft; l. hand gl. cr.
 Sear 2201; *DOC IV*, Type C, pl. XLIII, 16: 1237 - 1242?

381 20 mm / 1.12 g / 6 o'clock
Obv.: ΜΡ – ΘV
Rev.: ΙΩΑΝΝΙCΔ on l.
Ref.: *DOC IV*, pl. XLIII, 16.1 (*this coin*); Bendall 1978a, p. 112, pl. 28, no. 496 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



382 22 mm / 0.93 g
Obv.: Brockage of the reverse.
Ref.: Bendall 1978a, p. 112, pl. 28, no. 497 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



383 19 mm / 0.86 g / 6 o'clock
Rev.: CCΠΟΤΙ on r.
Ref.: *DOC IV*, pl. XLIII, 16.2 (*this coin*); Bendall 1978a, p. 112, pl. 28, no. 498 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



Obv.: ΘΘΕΟΔΥΡC in two columnar groups. Half-length figure of St. Theodore, bearded and nimbate, wearing tunic, breastplate and sagion; r. hand sword resting over shoulder; l. hand (sheath?).
Rev.: ΙΩΔCCΠΟ – ΘΔΗΜΗΤ Half-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them large cross within circle, surmounting triangular decoration on long shaft. Emp. wears stemma, div., c-p and jewel. loros of simpl. type. Saint wears tunic (breastplate?) and sagion. Emperor holds shaft with l. hand, saint with both hands.
 Sear 2202; *DOC IV*, Type D, Var. A, pl. XLIII, 17a: 1237 - 1242?

384 20 mm / 1.26 g / 6 o'clock
Obv.: Θ – Δ
Ref.: Bendall 1978a, p. 111, specimen 405 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



385 20 mm / 0.79 g / 6 o'clock
Obv.: Ε/ΟΔ to r.
Ref.: Bendall 1978a, p. 111, pl. 27, no. 408 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



386 20.5 mm / 0.83 g / 6 o'clock

Obv.: ⦶ to l.

Ref.: Bendall 1978a, p. 111, specimen 407 (*this coin*).

Prov.: Bendall colln., from Thracian Plain hoard



Obv.: Cross-within-circle surmounting triangular decoration on long shaft, between outstretched wings. On either wing, below forepart, a human head.

Rev.: Full-length figure of beardless emperor on l., crowned by bishop-saint (Nicholas?) bearded and nimbate. Emp. wears stemma, div., c-p, and jewel. loros of simpl. type; r. hand sc. cr.; l. hand anexikakia. Saint wears episcopal vestments, of which omophorion is visible; l. hand Gospel.

Sear 2203; *DOC IV*, Type E, pl. XLIII, 18: 1237 - 1242?

387 20 mm / 1.50 g / 6 o'clock

Prov.: Bendall colln.



388 19 mm / 1.03 g / 6 o'clock

Prov.: Bendall colln.



389 18 mm / 1.28 g / 6 o'clock

Ref.: *DOC IV*, pl. XLIII, 18.2 (*this coin*).

Prov.: Bendall colln.



Obv.: Eagle with wings outstretched; head turned to l.

Rev.: ΙΩΑΝΝΑΔΕCΠ – ΘΔΙΜ Busts of emperor on l., and of St. Demetrius, beardless and nimbate; between them patriarchal cross-crosslet on long shaft, at the base of which, steps. Emp. wears stemma, div., c-p and jewel. loros of simpl. type. Saint wears tunic, breastplate and sagion; l. hand spear.

Sear 2205; *DOC IV*, Type G, p. 589: 1237 - 1242?

390 20 mm / 1.36 g / 6 o'clock

Rev.: ΙΩΔΕ on l.

Ref.: Bendall 1978a, p. 111, specimen 411 (*this coin*).

Prov.: Bendall colln., from Thracian Plain hoard



391 18 mm / 1.12 g / 6 o'clock

Ref.: Bendall 1978a, p. 111, pl. 27, no. 410 (*this coin*).

Prov.: Bendall colln., from Thracian Plain hoard



392 18 mm / 1.13 g

Rev.: ΙΩΑΝΝ on l.

Prov.: Bendall colln., from Thracian Plain hoard



Obv.: ΙΩΔΕCΠ Half-length figure of emperor wearing stemma, div., panelled loros of simpl. type and sagion; r. hand sc. cr.; l. hand gl. cr. (as rev. in *DOC*).

Rev.: Θ ΔΙ St. Demetrius, beardless and nimbate, seated upon throne without back, wearing tunic (breastplate?) and sagion; r. hand sword; l. hand sheath, held horizontally across knees. Lily above cushions of throne, on both sides (as obv. in *DOC*). Sear 2206; *DOC IV*, Type H, pl. XLIII, 21: 1237 - 1242?

393 18 mm / 0.71 g / 6 o'clock

Obv.: ω on l.

Rev.: ⦶ to l., ΔΙ to r.

Ref.: *DOC IV*, pl. XLIII, 21.2 (*this coin*); Bendall 1978a, p. 111, pl. 28, no. 483 (*this coin*).

Prov.: Bendall colln., from Thracian Plain hoard



394 18 mm / 1.19 g

Obv.: Brockage of the reverse.

Rev.: ⦶ to l., ΔΙ to r.

Ref.: *DOC IV*, pl. XLIII, 21.1; Bendall 1978a, p. 111, pl. 28, no. 478 (*this coin*).

Prov.: Bendall colln., from Thracian Plain hoard



Obv.: ΧΜ Half-length figure of St. Michael nimbate, wearing div., loros and sagion; r. hand sword, resting over shoulder; l. hand gl. cr.

Rev.: ΙΩΑΝΝΙC – ΔΕCΠΟΤΗC Emperor seated upon throne without back, wearing stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.; l. hand anexikakia. Sear 2207; *DOC IV*, Type I, pl. XLIII, 22: 1237 - 1242?

395 19 mm / 0.85 g / 6 o'clock

Rev.: ΙΩΑΝΙ on l.

Ref.: *DOC IV*, pl. XLIII, 22 (*this coin*); Bendall 1978a, p. 111, pl. 28, no. 488 (*this coin*).

Prov.: Bendall colln., from Thracian Plain hoard



396 17 mm / 1.19 g / 6 o'clock

Rev.: ΔΕ on r.

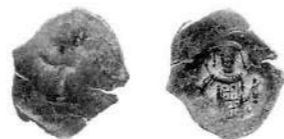
Ref.: Bendall 1978a, p. 111, pl. 28, no. 484 (*this coin*).

Prov.: Bendall colln., from Thracian Plain hoard



Obv.: IC XC in field. Bust of Christ, bearded and nimbate; l. hand Gospel.
Rev.: ΙΩΑΝΝΙC – ΔΕCΠΟΤΗC Half-length figure of emperor wearing stemma, div., c-p a panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand anexikakia.
 Sear 2208; *DOC IV*, Type J, pl. XLIII, 23: 1237 - 1242?

397 18 mm / 0.70 g
Obv.: Brockage of the reverse.
Ref.: Bendall 1978a, p. 111, pl. 27, no. 453 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard

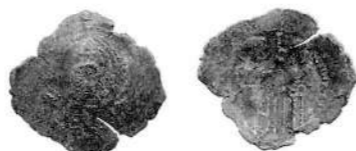


Obv.: Bust of St. Michael (?), nimbate, wearing div. and panelled loros of simpl. type; r. ha sword resting over shoulder (?).
Rev.: +ΔΙΜ – ΙΩΔΕCΠ Full-length figure of emperor facing on r., and of beardless and nimbate saint (Demetrius?) turned to r., and handing to emperor letter Β on long shaft. Emp wears stemma, div., jewel. loros of simpl. type and sagion(?); r. hand anexikakia.
 Sear 2209; *DOC IV*, Type K, Var. A, pl. XLIII, 24a: 1237 - 1242?

398 21 mm / 1.05 g / 6 o'clock
Rev.: +ΔΙΜ on l.
Ref.: *DOC IV*, pl. XLIII, 24a (*this coin*); Bendall 1978a, p. 112, pl. 28, no. 493 (*this coin*); idem 2006, fig. 6 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



399 21 mm / 0.81 g / 6 o'clock
Rev.: ΙΩΔΕC on r.
Ref.: Bendall 1978a, p. 112, specimen 495 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



400 18 mm / 0.98 g
Obv.: Totally worn.
Ref.: Bendall 1978a, p. 112, specimen 494 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



Obv.: Head of cherub nimbate, with wings.
Rev.: ΙΩ – ΟΑΓΟC Full-length figure of emperor on l., and of beardless, nimbate saint (Demetrius?) in military dress; between them cross, surmounted by globule on long shaft. Emp. wears stemma, div., c-p, and jewel. loros of simpl. type; r. hand anexikakia. Saint wears short military tunic, breastplate and sagion; l. hand sword resting over shoulder.
 Sear 2210; *DOC IV*, Type L, Var. A, pl. XLIII, 25a: 1237 - ?

401 21 mm / 0.79 g / 6 o'clock
Rev.: ΟΔ on r.
Ref.: Sear 2210 (*this coin*); Bendall 1978a, p. 111, specimen 417 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



402 20 mm / 0.92 g / 6 o'clock
Ref.: Metcalf 1973, pl. 11, no. 115 (*this coin*).
Prov.: Bendall colln., from Peter and Paul hoard



403 21.5 mm / 0.66 g / 7 o'clock
Ref.: Bendall 1978a, p. 111, specimen 420 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



404 18 mm / 0.86 g / 6 o'clock
Ref.: Metcalf 1973, pl. 11, no. 116 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



405 20.5 mm / 1.30 g / 6 o'clock
Rev.: ΟΑΓΟC on r.
Ref.: Metcalf 1973, pl. 11, no. 117 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



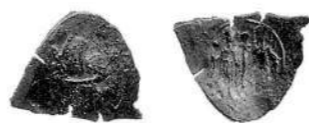
Obv.: IC XC in field. Inverted cross on base, top of shaft formed by large letter Β.
Rev.: As Type L, Var. A.
 Sear 2211; *DOC IV*, Type L, Var. B, pl. XLIII, 25b: 1237 - ?

406 23 mm / 1.06 g (broken) / 6 o'clock
Obv.: IC – XX
Ref.: *DOC IV*, pl. XLIII, 25b (*this coin*); Bendall 1978a, p. 112, pl. 28, no. 499 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



Obv.: Wings or uncertain winged object.
Rev.: Full-length figure of emperor on r., and of saint (Demetrius?) in military dress; between them cross, surmounted by globule, on long shaft. Emp. wears stemma, div., c-p (?) and jewel. loros of simpl. type; l. hand jewel. sc. Saint wears short military tunic, breastplate and sagion; r. hand spear.
 Sear 2212; *DOC IV*, Type M, pl. XLIII, 26: 1237 - ?

- 407 18 mm / 0.64 g / 6 o'clock
Ref.: *DOC IV*, pl. XLIII, 26 (*this coin*); Bendall 1978a, p. 112, pl. 28, no. 491 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



Obv.: Patriarchal cross, radiate, on steps. IC XC in upper quarters, NI KA in lower quarters.
Rev.: Full-length figure of beardless emperor on l., and of beardless, nimbate saint (Demetrius?) in military dress; between them model of the city of Thessalonica with two towers. Emp. wears stemma, div., jewel. loros of simpl. type and sagion. Saint wears short military tunic, breastplate and sagion.
 Sear 2213; *DOC IV*, Type N, pl. XLIII, 27: 1237 - ?

- 408 19 mm / 1.13 g / 6 o'clock
Ref.: Bendall 1978a, p. 111, specimen 429 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



- 409 19.5 mm / 1.30 g / 6 o'clock
Obv.: N
Ref.: *DOC IV*, pl. XLIII, 27b.2 (*this coin*); Bendall 1978a, p. 111, specimen 427 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



- 410 20 mm / 0.89 g / 6 o'clock
Obv.: IC - X / NI - KA
Ref.: Metcalf 1973, pl. 11, no. 118 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: MP ΘV in field. Virgin seated upon throne without back; holds head of Christ on breast.
Rev.: ΔΕΣΠΟΤΙΚ - ΙΩΑΝΝΙΚ Full-length figure of emperor wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand labarum-headed sc.; l. hand anexikakia. *Manus Dei* in upper r. field.
 Sear 2214; *DOC IV*, Type O, pl. XLIII, 28: 1237 - ?

- 411 20 mm / 1.54 g / 6 o'clock
Obv.: MP - ΘV
Rev.: ΔΣΣΠΟΤΙΚ on l.
Ref.: Bendall 1978a, p. 111, pl. 27, no. 435 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



- 412 19 mm / 0.62 g / 6 o'clock
Obv.: MP - ΘV
Rev.: ΔΕΣ - ΙΩΑΝΙΚ
Prov.: Bendall colln.



- 413 20 mm / 0.98 g / 6 o'clock
Obv.: MP - ΘV
Rev.: ΔΕΣΠΟΤΙΚ - ΙΩΑ
Ref.: Metcalf 1973, pl. 11, no. 120 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard

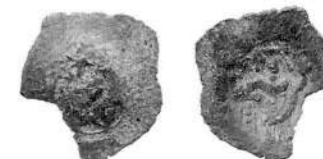


Obv.: Crescent between four stars and pellets in groups of four.
Rev.: ΔΕ - ΣΠΟ Full-length figure of beardless emperor wearing stemma, div. and chlamys; r. hand labarum-headed sc.; l. hand gl. cr.
 Sear 2215; *DOC IV*, Type P, pl. XLIII, 29: 1237 - ?

- 414 20 mm / 1.09 g / 6 o'clock
Ref.: Sear 2215 (*this coin*); Bendall 1978a, p. 111, pl. 27, no. 445 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



- 415 21 mm / 0.98 g (broken) / 12 o'clock
Ref.: Bendall 1978a, p. 111, specimen 446 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



- 416 19.5 mm / 1.19 g / 6 o'clock
Rev.: ΔΕ - ΣΠΟ
Prov.: Bendall colln.



Obv.: Cross, radiate, decorated with pellets.
Rev.: ΔΕ Full-length figure of beardless emperor wearing stemma, short military tunic, (breastplate?), and sagion; r. hand sword, resting over shoulder; l. hand model of the city with three towers.
 Sear 2216; *DOC IV*, Type Q, pl. XLIII, 30: 1237 - ?

- 417 17 mm / 0.84 g
Obv.: Brockage of the reverse.
Ref.: Bendall 1978a, p. 111, specimen 450 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



Obv.: Outstretched wing.

Rev.: $\overline{\text{I}\omega\Delta}$ in l. field. Half-length figure of emperor wearing stemma, div. and jewel. loros of traditional type; r. hand large standard decorated with two crosses-within-circle; l. hand cro: on long shaft.

Sear 2217; *DOC IV*, Type R, Var. A, pl. XLIII, 31a: 1237 - ?

- 418 18 mm / 0.85 g / 6 o'clock
Ref.: Bendall 2006, fig. 9 (*this coin*).
Prov.: Bendall colln., from J.J. Slocum (by exchange), from Mabbott colln. 27-29/10/1969 3rd auction, lot 5048



- 419 21 mm / 0.88 g / 3 o'clock
Prov.: Bendall colln.



Obv.: Head of flower.

Rev.: $\overline{\text{M}\text{P}} \overline{\text{O}\text{V}}$ in field. Full-length figure of Virgin nimbate, orans.

Sear 2218; *DOC IV*, Type T, pl. XLIII, 33: 1237 - ?

- 420 16 mm / 0.62 g
Rev.: Star in r. field.
Prov.: Bendall colln.



Obv.: $\overline{\text{M}\text{P}} \overline{\text{O}\text{V}}$ in field. Bust of Virgin nimbate, orans.

Rev.: $\overline{\text{I}\omega}$ in upper r. field. Full-length figure of winged emperor, wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand anexikakia.

Sear 2219; *DOC IV*, Type U, pl. XLIII, 34: 1237 - ?

- 421 19 mm / 1.17 g
Obv.: Brockage of the reverse.
Prov.: Bendall colln., from Thracian Plain hoard



- 422 17 mm / 0.64 g
Obv.: Brockage of the reverse.
Prov.: Bendall colln.



- 423 21 mm / 0.69 g / 6 o'clock
Obv.: $\overline{\text{M}} - \overline{\text{O}\text{V}}$
Rev.: $\overline{\text{I}\omega}$ above
Prov.: Bendall colln.



Obv.: Wing.

Rev.: Winged, beardless bust of emperor, wearing stemma and holding anexikakia (?), surmounting the crenellated walls of a city.

Sear 2220; *DOC IV*, Type V, pl. XLIII, 35: 1237 - ?

- 424 22 mm / 1.34 g / 6 o'clock
Ref.: *DOC IV*, pl. XLIII, 35 (*this coin*);
Sear 2220 (*this coin*); Morrisson 2003, fig. 24 (*this coin*); Bendall 1978a, p. 111, pl. 28, no. 467 (*this coin*).



Prov.: Bendall colln., from Italo Vecchi, from Thracian Plain hoard

- 425 15 mm / 0.61 g
Obv.: Brockage of the reverse.
Rev.: OOO under walls.
Ref.: Bendall 1978a, p. 111, pl. 28, no. 468 (*this coin*).



Prov.: Bendall colln., from Thracian Plain hoard

- 426 16 mm / 0.53 g
Obv.: Brockage of the reverse.
Rev.: OEE under walls.
Ref.: Bendall 1978a, p. 111, pl. 28, no. 469 (*this coin*).



Prov.: Bendall colln., from Thracian Plain hoard

- 427 12 mm / 0.62 g
Obv.: Brockage of the reverse.
Prov.: Bendall colln.



Obv.: Cross with pellets in each angle (?) within crescent-shaped ornament (?).

Rev.: $\overline{\text{I}\omega\Delta}$ in upper centre field. Half-length figure of beardless emperor beneath arch with towers at each corner, wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.

Sear 2221; *DOC IV*, Type W, pl. XLIII, 36: 1237 - ?

- 428 19 mm / 1.04 g / 6 o'clock
Rev.: $\overline{\text{I}\omega\text{X}}$ above
Prov.: Bendall colln.



429 21 mm / 0.89 g / 6 o'clock

Rev.: ΙΩΔ above
Prov.: Bendall colln.

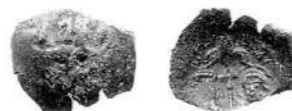


Obv.: No type.

Rev.: ΙΩ – ΝΔC Busts (?) of emperor on l., and of beardless, nimbate saint (Demetrius?); between them (?) large lily on long shaft. Emperor wears stemma.
Sear 2222; *DOC IV*, Type X, pl. XLIII, 37: 1237 - ?

430 17.5 mm / 0.58 g

Obv.: Brockage of the reverse.
Rev.: ΙΩ – ΝΔC
Ref.: *DOC IV*, pl. XLIII, 37 (*this coin*);
Bendall 1978a, p. 111, pl. 28, no. 474 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



431 14.5 mm / 0.38 g

Obv.: Brockage of the reverse.
Ref.: Bendall 1978a, p. 111, specimen 476 (*this coin*).
Prov.: Bendall colln., from O'Hara colln., from Thracian Plain hoard



432 13 mm / 0.70 g

Obv.: Brockage of the reverse.
Ref.: Bendall 1978a, p. 111, specimen 473 (*this coin*).
Prov.: Bendall colln., from O'Hara colln., from Thracian Plain hoard



Uncertain Thessalonican Attribution

Obv.: Wing, from which extends an arm holding a sword; above and below a star.

Rev.: Full-length figure of emperor bearded on r., and of beardless, nimbate saint (Demetrius); between them partially sheathed sword, point downward. Emp. wears stemma, div., c-p and jew loros of simpl. type; l. hand sc. Saint wears short military tunic, breastplate and sagion; r. hand spear (?). In upper centre field a star.
Sear 2226; *DOC IV*, pl. XLIV, 1

433 22 mm / 1.32 g / 6 o'clock

Ref.: *DOC IV*, pl. XLIV, 1.1; Protonotarios 1974b, pp. 54-5, no. 15.
Prov.: Bendall colln., from Greek collector Nov. 1980, bought in Athens (gift)



434 19 mm / 1.31 g / 6 o'clock

Rev.: ΙΙΙΙΙΙ on l.
Ref.: Protonotarios 1974b, pp. 54-5, no. 15.
Prov.: Bendall colln.



Obv.: Virgin nimbate, seated upon throne with back.

Rev.: Full-length figure of emperor bearded on l., and of military saint; between them sword, shield on the ground. Emp. wears stemma, div. and chlamys.
Sear - ; *DOC IV* -

435 21 mm / 1.16 g / 7 o'clock

Ref.: Metcalf 1973, pl. 11, no. 121 (*this coin*).
Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Demetrius Comnenus-Ducas (Despot 1244-1246) Thessalonica

Aspron Trachy, Billon

Obv.: ΙC XC in field. Ο ΕΜΜΑΝΥΗΛ in two columnar groups. Bust of Christ, beardless and nimbate; l. hand scroll.

Rev.: X/P - X/M in lower field. Full-length figure of St. Michael, nimbate, wearing div., c-p, and panelled loros of simpl. type; r. hand labarum on long shaft; l. hand gl. cr.
Sear 2225; *DOC IV*, pl. XLIV, 1: 1244 - 1246?

436 27 mm / 2.45 g / 6 o'clock

Obv.: ΙC - XC ΟΕΜΜΑΝΥΗΛ to l., ΝΔΗΛ to r.
Rev.: X/P - X
Prov.: Old Ashmolean colln., from J.R. Stewart colln. 1983



437 28 mm / 1.97 g / 6 o'clock

Obv.: ΙC - XC ΝΔΗΛ to r.
Rev.: X - X/M
Prov.: Old Ashmolean colln., from Evans bequest 1941



- 438 31 mm / 3.33 g / 6 o'clock
Obv.: IC – XC OE/MM/A to l., ИX/HA to r.
Rev.: X – X
Ref.: Sear 2225 (*this coin*).
Prov.: Bendall colln., from J. Schulman, from Amsterdam auction (early 1970s), possibly from Dutch Museum



- 439 29 mm / 2.48 g / 6 o'clock
Obv.: IC – XC OE/MM/A to l.
Rev.: X – X
Ref.: DOC IV, pl. XLIV, 1c (*this coin*).
Prov.: Bendall colln.



John III Ducas, Called Vatatzes (1246-1254) Thessalonica

Aspron Trachy, Electrum

- Obv.:** MP ΘV in field. Virgin nimbate, seated upon throne with back; holds beardless, nimbate head of Christ on breast.
Rev.: IW – ⓄΔMH Full-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them labarum on long shaft at the base of which a small globe. Emp. wears stemma, div. and chlamys; r. hand anexikakia. Saint wears short military tunic and breastplate.
 Sear 2122; DOC IV, Type B, pl. XLIV, 2: 1249/50 - 1254?

- 440 31 mm / 2.25 g / 6 o'clock
Obv.: MP – (Eight-pointed star on the back of the throne, on either side of the Virgin.)
Rev.: IW to l., Ⓞ to r.
Ref.: DOC IV, pl. XLIV, 2 (*this coin*).
Prov.: Bendall colln.



- 441 33 mm / 2.54 g / 6 o'clock
Obv.: MP – ΘV (Eight-pointed star on the back of the throne, on either side of the Virgin.)
Rev.: ω – ⓄΔMH
Prov.: Bendall colln., from Bank Aufhäuser c. 1993 from stock



Aspron Trachy, Billon

- Obv.:** MP ΘV in field. Bust of Virgin, nimbate. Cross on either side in field.
Rev.: IW ΔE/CΠ/OT/HC or Δ/E/C/ΠO/TH/C. Full-length figure of emperor, wearing stemma, div. and jewel. loros of traditional type; r. hand labarum on long shaft; l. hand anexikakia. In l. field, an outstretched wing; *Manus Dei* in upper r. field.
 Sear 2123; DOC IV, Type A, pl. XLIV, 3: 1246 - 1248/49?

- 442 28 mm / 1.84 g / 6 o'clock
Obv.: MP
Rev.: – to l., CΠ/TH/C to r.
Prov.: Bendall colln.



- 443 30 mm / 2.60 g / 6 o'clock
Obv.: MP – V Cross in l. field.
Rev.: IW to l., Δ/E/C/Π/O/C to r.
Prov.: Bendall colln.



- 444 28 mm / 4.19 g / 6 o'clock
Obv.: MP Cross in l. field.
Rev.: IW to l., ΔE/CΠ/OT/HC to r.
Prov.: Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley auction, lot 4243, 26/4/1945



- Obv.:** P X/M Bust of St. Michael nimbate, wearing div., c-p and panelled loros of simpl. type; r. hand sword, resting over shoulder; l. hand gl. cr.
Rev.: IW ΔE/CΠO/TH/C in two columnar groups. Emperor seated upon throne without back, wearing stemma, div. and jewel. loros of traditional type; r. hand sc. cr.; l. hand anexikakia. In l. field, an outstretched wing; *Manus Dei* in upper r. field.
 Sear 2124; DOC IV, Type B, pl. XLIV, 4: 1246 - 1248/49?

- 445 29 mm / 2.68 g / 6 o'clock
Obv.: P – M
Rev.: IW to l., ΔE/C/ΠO/TH to r.
Prov.: Bendall colln., from Greek collector, found near Melitea



- 446 27 mm / 2.79 g (pierced) / 6 o'clock
Rev.: $\overline{\omega}$ to l., $\Delta/\Pi/H$ to r.
Prov.: Bendall colln., from London Stamp Exchange



- 447 26 mm / 2.64 g (pierced) / 6 o'clock
Rev.: $\overline{\omega}$ to l., $\Delta/\epsilon/\Pi/O$ to r.
Prov.: Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4243, 26/4/1945



Obv.: $\Gamma O A \Delta H M H \Phi I O C$ in two columnar groups. St. Demetrius, beardless and nimbate, seated upon throne without back; wears tunic, breastplate, and sagion; r. hand hilt of sword; l. hand sheath, horizontally across knees.

Rev.: $\overline{\omega} O/\Delta/\delta$ Full-length figure of emperor wearing short military tunic, breastplate and sagion; r. hand labarum on long shaft; l. hand anexikakia. Large star in upper r. field.
 Sear 2126; *DOC IV*, Type D, pl. XLV, 6: 1249/50 - 1254?

- 448 28.5 mm / 1.73 g / 6 o'clock
Obv.: A to l., $\overline{\Phi}/O/C$ to r. Star on either side of throne.
Rev.: $\overline{\omega}/C/O/H$ to l., $C/\delta/\Delta$ to r. Large star in upper r. and lower l. field.
Prov.: Bendall colln.



- 449 29 mm / 2.18 g / 6 o'clock
Obv.: $\overline{\Phi}/O/C$ to r.
Rev.: $O\Delta$ to r.
Prov.: Bendall colln., from Greek collector, Thessalonica



Obv.: $\Gamma O A \Delta H M H \Phi I O C$ in two columnar groups. Bust of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand sword, resting over shoulder.

Rev.: $\overline{\omega} O/\Delta/\delta/K$ Full-length figure of emperor, wearing stemma, div. and chlamys; l. hand labarum on long shaft.
 Sear 2127; *DOC IV*, Type E, pl. XLV, 7: 1249/50 - 1254?

- 450 27 mm / 4.03 g / 6 o'clock
Obv.: $\Gamma/OA/\lambda$ to l., $\overline{\Phi}/O/C$ to r.
Rev.: $\overline{\omega}/\epsilon/O$ to l., O to r.
Prov.: Bendall colln.



- 451 29 mm / 2.36 g / 6 o'clock
Obv.: A/ Δ/λ to l., $\overline{\Phi}/O$ to r.
Rev.: $\overline{\omega}/\epsilon$ to l., Δ/δ to r.
Prov.: Bendall colln.



- 452 32 mm / 3.82 g / 6 o'clock
Obv.: $\overline{A}/\Delta/H/M$ to l., $\overline{\Phi}/O/C$ to r.
Rev.: ω/ϵ to l., $O/\Delta/\delta/K/A$ to r.
Prov.: Bendall colln., from Mellon colln.



Obv.: $\overline{M}\overline{\Phi} \overline{O}\overline{V}$ in field. Virgin nimbate, seated upon throne without back; holds beardless, nimbate head of Christ on breast. Lily above cushion of throne, to either side.
Rev.: $\overline{\omega}/\Delta/\Pi/T$ to l., $O/\Delta/M/T$ to r. Full-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them patriarchal cross. Emp.'s r. hand half-raised before chest in supplication; wears stemma, div., c-p and jewel. loros of simpl. type. Saint's l. hand lifted before chest; wears short military tunic, breastplate and sagion.

Sear 2128; *DOC IV*, Type F, pl. XLV, 8: 1249/50 - 1254?

- 453 27 mm / 2.59 g / 6 o'clock
Obv.: $\overline{M}\overline{\Phi} - \overline{V}$
Rev.: $\overline{\omega}/\Delta/\Pi/T$ to l., $\overline{I}O\overline{M}$ on r.
Ref.: Sear 2128 (*this coin*); Veglery – Millas 1977, p. 94, no. 1.
Prov.: Bendall colln.



- 454 28 mm / 2.53 g / 6 o'clock
Obv.: $\overline{M}\overline{\Phi} - \overline{V}$
Rev.: $\overline{\omega}$ to l.
Ref.: Veglery – Millas 1977, p. 94, no. 1.
Prov.: Bendall colln., from G. Zacos colln.



Obv.: IC XC in field. Bust of Christ, bearded and nimbate; l. hand Gospel. Pellet in each ltr of nimbus cross.

Rev.: Δ/Π to l., ΙΩ centre above, Γ/ΟΛ/Δ/Μ/Τ to r. Full-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them model of the city with three towers. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand labarum-headed sc. S. wears military tunic, breastplate and sagion; l. hand sword, point resting on ground. Sear 2129; *DOC IV*, Type G, pl. XLV, 9: 1249/50 - 1254?

459 31 mm / 2.68 g / 6 o'clock

Obv.: ΜΡ - ΘV Star in l. field.

Rev.: Ω/Π/Δ/Σ to l., Ο/Δ/Μ/Τ to r.

Prov.: Old Ashmolean colln., from Henty May 1968, bought in Athens 1962



Obv.: ΟΛΓΙΟ ΔΗΜΗΤ in two columnar groups. Full-length figure of St. Demetrius, beardless and nimbate, wearing short military tunic, breastplate and sagion; r. hand spear; l. hand shield.

Rev.: Ψ ΟΔΚ in two columnar groups. Half-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum on long shaft; l. hand gl. cr.

Sear 2132; *DOC IV*, Type J, pl. XLV, 12: 1249/50 - 1254?

460 30 mm / 2.36 g / 6 o'clock

Obv.: Ο/Λ/Γ/Ι/Ο to l., Δ/ΗΜ to r.

Rev.: Ω to l., Ο/Δ to r.

Ref.: *DOC IV*, pl. XLV, 12.5; Sear 2132 (*this coin*).

Prov.: Bendall colln., from G. Zacos colln.



461 28 mm / 2.42 g / 6 o'clock

Obv.: Δ/Η/Η/Τ to r.

Rev.: Ο/Δ/Κ to r.

Prov.: Bendall colln.



Small module

462 18 mm / 1.01 g

Obv.: Brockage of the reverse.

Rev.: Half-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum on long shaft; l. hand gl. cr.

Ref.: *DOC IV*, pl. XLV, 12 or 13 (Type J or K); Sear 2132 or 2133.

Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



455 29 mm / 5.55 g / 6 o'clock

Obv.: IC - XC

Rev.: ΙΩ centre above, Ο to r.

Prov.: Bendall colln.



456 30 mm / 3.02 g / 6 o'clock

Obv.: IC - XC

Rev.: Δ to r.

Prov.: Bendall colln.



Obv.: ΜΡ ΘV in field. Full-length figure of Virgin nimbate, orans.

Rev.: ΙΨ ΔΠΟΔΚ ΘΔΙΜΤ in two columnar groups. Full-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them labarum surmounting triangular decoration on long shaft. Emp. wears stemma, div. and chlamys; r. hand sword, point resting on ground. Saint wears div. and chlamys; l. hand sword, point resting on ground.

Sear 2130; *DOC IV*, Type H, pl. XLV, 10: 1249/50 - 1254?

457 30 mm / 3.52 g / 6 o'clock

Rev.: Θ/Δ/Μ to r. Star in field on either side.

Prov.: Bendall colln., from Mellon colln.



458 31 mm / 2.70 g / 6 o'clock

Obv.: ΜΡ - ΘV Star in field on either side.

Rev.: Ω/Π to l., Θ/Δ/Μ/Τ to r.

Prov.: Bendall colln.



Obv.: Ο ΠΕΤ Full-length figure of St. Peter, bearded and nimbate, turned to l.; r. hand two keys.

Rev.: Half-length figure of emperor wearing stemma, div., c-p and panelled loros of simplified type; r. hand labarum-headed sc.; l. hand gl. cr.

Sear 2133; *DOC IV*, Type K, pl. XLV, 13: 1249/50 - 1254?

463 30 mm / 2.63 g / 6 o'clock

Obv.: Π/Ε/Τ to r.

Prov.: Bendall colln.



Obv.: ΙϞ ΧϞ in field. Bust of Christ, beardless and nimbate.

Rev.: ΔϞ Half-length figure of emperor wearing stemma, div., c-p and panelled loros of simplified type; r. hand labarum-headed sc.; l. hand gl. cr.

Sear 2134; *DOC IV*, Type L, pl. XLV, 14: 1249/50 - 1254?

464 27 mm / 2.09 g / 6 o'clock

Obv.: Brockage of the reverse.

Rev.: ΔϞ on r. Star in right lower field.

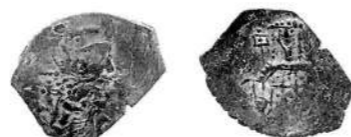
Prov.: Bendall colln.



465 21 mm / 1.19 g (clipped) / 6 o'clock

Obv.: C

Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



Obv.: ΙϞ ΧϞ in field. Christ, bearded and nimbate, wearing tunic and kolobion, seated upon throne without back; r. hand raised in benediction; l. hand Gospel.

Rev.: Half-length figure of emperor wearing stemma, div., c-p and panelled loros of simplified type; r. hand sc. cr.; l. hand gl. cr.

Sear 2135; *DOC IV*, Type M, pl. XLV, 15: 1249/50 - 1254?

466 20 mm / 0.72 g (clipped) / 6 o'clock

Ref.: *DOC IV*, pl. XLV, 15 (*this coin*); Bendall 1978a, pl. 27, no. 309 (*this coin*).

Prov.: Bendall colln., from Thracian Plain hoard



Theodore II Ducas-Lascaris (1254-1258)

Thessalonica

Aspron Trachy, Billon

Obv.: Large cross with floriate ends to limbs; in centre, small linear cross, or dot.

Rev.: ΑΚΟΛΑΚΚΑΡΙC ΘΕΟΔΩΡ ΘΗΜΙΤΙC in three columnar groups. Full-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them model of the city of Thessalonica with three towers, surmounted by large stars. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand labarum-headed sc. Saint wears short military tunic, breastplate and sagion; l. hand spear, resting over shoulder.

Sear 2147; *DOC IV*, pl. XLVI, 1: 1254/55?

467 30 mm / 3.75 g / 12 o'clock

Rev.: Θ/Δ/Μ/Ι/Τ/Ρ/Ι/Κ to r.

Ref.: *DOC IV*, pl. XLVI, 1.6 (*this coin*).

Prov.: Bendall colln., from J. Malter early 1970s



468 31 mm / 3.04 g

Rev.: Ω/O centre above

Ref.: *DOC IV*, pl. XLVI, 1.1; Sear 2147 (*this coin*).

Prov.: Bendall colln.



Despotate of Epirus: Manuel Comnenus-Ducas (1230-c. 1236)

Arta

Aspron Trachy, Electrum

Obv.: ΙϞ ΧϞ in field. ΨΕΜΑΝΩΗΛ in two columnar groups. Bust of Christ Emmanuel, beardless and nimbate; l. hand scroll.

Rev.: ΜΑΝΒΗΛΔΕCΠΟΤ - ΟΑ...Δ...ΟC Full-length figure of Manuel Ducas on l., and of beardless, nimbate saint (Demetrius?); between them labarum surmounting triangular decoration on long shaft. Ruler wears stemma, div. and chlamys; r. hand sheathed sword, point resting on ground. Saint similarly dressed; l. hand sheathed sword, point resting on ground.

Sear 2229; *DOC IV*, pl. XLVI, 1: c. 1230 - 1236

- 469 31 mm / 2.30 g / 6 o'clock
Obv.: IC – XC WEMA to l., NΘ/HA to r.
 Pellets both in limbs of nimbus cross, and in between limbs.
Rev.: MANVHΛΔECPOT – OA...Δ...OC
Ref.: DOC IV, pl. XLVI, 1 (*this coin*);
 Protonotarios 1994, pp. 60-4, no. 5 (*this coin*);
 idem, 1983, pp. 92-3, pl. 18, no. 10 (*this coin*).
Prov.: Old Ashmolean colln., from Evans
 bequest 1941



- 473 20 mm / 1.18 g / 6 o'clock
Obv.: O/C to l., Δ/TH to r.
Rev.: XC Star, crescent, star in lower r. field.
Ref.: Bendall 1996, pp. 3-5, no. 10(b) (*this coin*).
Prov.: Bendall colln.



- Obv.:** Star within crescent.
Rev.: ΔC Full-length figure of Michael bearded, wearing stemma, div. and loros; r. hand sc. cr.; l. hand anexikakia.
 Sear 2234; DOC IV -

- 474 20 mm / 1.31 g / 12 o'clock
Rev.: Δ/C to r.
Ref.: Bendall 1996, pp. 3-5, nos. 8a, 8b.
Prov.: Bendall colln., from O'Hara colln.



John III (Emperor) - Michael II (Despot) (1248) Thessalonica

Aspron Trachy, Billon

- Obv.:** X/Α X/M Half-length figure of St. Michael, beardless and nimbate, wearing div., c-p and panelled loros of simpl. type; r. hand jewel. sc.; l. hand globus.
Rev.: XM – IΩENX Columnar or circular legend. Full-length figure of emperor John, on r., crowning despot Michael on l. Emperor wears stemma, div., c-p, panelled loros of simpl. type and sagion; l. hand sc. cr. Despot wears stemmatogyron, div. and chlamys; r. hand palm-frond.
 Sear 2235; DOC IV, Var. A, pl. XLVII, 1: 1248

- 475 26 mm / 2.87 g / 6 o'clock
Obv.: X/M to r.
Rev.: IΩENX on r.
Ref.: DOC IV, pl. XLVII, 1.1 (*this coin*);
 Bendall – Hendy 1970, pp. 143-8 (as John III
 and John Comnenus-Ducas); Bendall 1996, p.
 4; Gerasimov 1974, pp. 319-22.
Prov.: Bendall colln., from Athens 1969



Michael II Comnenus-Ducas (c. 1236-c. 1268) Arta

Aspron Trachy, Billon

- Obv.:** Α M Half-length figure of St. Michael, beardless and nimbate, wearing div., c-p and panelled loros of simpl. type; r. hand jewelled sc., l. hand globus.
Rev.: ΜΙΧΑΗΛ Ο ΔΣ Full-length figure of Michael on l., crowned by Virgin nimbate. Emp wears stemma, div., jewel. loros of simpl. type and sagion; r. hand sc. cr.; l. hand anexikakia
 Sear 2232; DOC IV, Type B, pl. XLVI, 3: c. 1236 - 1268

- 470 24 mm / 1.75 g / 6 o'clock
Obv.: Α – M
Ref.: Bendall 1996, pp. 3-5, no. 9a (*this coin*);
 Bertelè, *Dossier*, p. 127, no. 28.
Prov.: Bendall colln., from Bertelè colln.



- Obv.:** ΓΟ ΔΙΜΗ in two columnar groups. Three-quarter-length figure of St. Demetrius, beardless and nimbate; r. hand sword, l. hand shield.
Rev.: IC XC in upper and r. field. Full-length figure of emperor crowned by Christ, bearded and nimbate. Emp. wears stemma, div. and chlamys; r. hand sc. cr.; l. hand anexikakia. Chri holds in l. hand Gospel.
 Sear - ; DOC IV -

- 471 21 mm / 1.64 g / 6 o'clock
Obv.: Γ/O to l., M/H to r.
Rev.: IC Two stars in lower r. field.
Ref.: Bendall 1996, pp. 3-5, no. 10(a) (*this coin*).
Prov.: Bendall colln.



- 472 23 mm / 2.37 g / 6 o'clock
Obv.: Δ/Η/Η to r.
Rev.: XC Star, crescent, star in lower r. field.
Ref.: Bendall 1996, pp. 3-5, no. 10.
Prov.: Bendall colln.



Arta

Aspron Trachy, Billon

Obv.: Stylized representation of city with walls, towers, and gate.

Rev.: Full-length figure of emperor (?) on r., crowning despot (?). Emp. wears stemma, div c-p and jewel. loros of simpl. type; l. hand sc. cr. Despot, similarly dressed, holds r. hand to chest; l. hand anexikakia.

Sear 2237; *DOC IV*, Var. C, pl. XLVII, 3: 1248?

476 27 mm / 1.82 g / 6 o'clock

Obv.: IC to r.

Ref.: Bendall 1996, pp. 3-5, no. 7a (*this coin*); Bendall – Protonotarios 1978, pp. 178-9, no. 2; Bertelè, *Dossier*, p. 126, no. 20.

Prov.: Bendall colln., from Bertelè colln.



477 25 mm / 1.99 g / 6 o'clock

Ref.: Bendall 1996, pp. 3-5, no. 7b (*this coin*);

Bendall – Protonotarios 1978, pp. 178-9, no. 2.

Prov.: Bendall colln.



Ivan II Asen, Tsar of Bulgaria (1218-1241)

Ochrida

Aspron Trachy, Billon

Obv.: IC XC in field. Bust of Christ, beardless and nimbate; l. hand Gospel. Pellets in each limb of nimbus cross.

Rev.: IΘ ACBNBPCB ATYI ΔHMHTPIE in two columnar groups. Full-length figure of tsar l., and of St. Demetrius, beardless and nimbate; between them long shaft surmounted by sta. Tsar wears stemma, div. and panelled chlamys; r. hand sc. cr. Saint wears short military tun breastplate and sagion; l. hand sword, point downward.

Sear - ; *DOC IV*, Type A, pl. XLVII, 2: 1230 - 1241?

478 29 mm / 2.95 g / 6 o'clock

Obv.: IC -

Rev.: CT/ΔI/Δ/H/TH to r.

Prov.: Bendall colln.



Palaeologan Dynasty: Michael VIII alone (1258-1272)

Magnesia

Aspron Trachy, AR

Obv.: MP ΘV in field. Virgin nimbate, seated upon throne with side panels decorated with B B ; holds beardless, nimbate head of Christ on breast.

Rev.: X/M/ΔEC/ΠO/TIC, to l., X/M, to r. Full-length figure of emperor on l. clasped by St. Michael, beardless and nimbate. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand on breast; l. hand anexikakia.

PCPC 8; Sear 2246; *DOC V*, Class II, pl. 2, 27: 1259/60

479 28 mm / 1.95 g / 6 o'clock

Obv.: MP - V

Rev.: X/M/ΔEC/ΠO/TI to l.

Ref.: *PCPC* 8.1 (*this coin*); Sear 2246 (*this coin*); Bendall – Donald 1982, p. 121, no. 3.

Prov.: Bendall colln.



Obv.: IC XC in field. Christ nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel.

Rev.: X/M ΔEC/TT/T to l., O/TT/Λ to r. Full-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum-headed sc.; l. hand globus surmounted by patriarchal cross.

New Type (Sear - ; *DOC IV/V* -)

480 27 mm / 1.58 g / 6 o'clock

Obv.: IC - XC Pellet above cushion of throne on either side.

Rev.: X/M/ΔEC/TT/T to l., O/TT/Λ to r.

Prov.: Bendall colln., from Bank Leu 1988



Stamenon, AE

Obv.: Γ/Θ/ΦV to l., Φ/Ω to r. Full-length figure of St. Tryphon, beardless and nimbate, wearing tunic and colobion; r. hand small cross against chest. Lily in lower field to either side.

Rev.: X/M/Δ/Π/TH to l., OΠ/Λ/Γ to r. MP ΘV in upper and r. field. Full-length figure of emperor on l., blessed by Virgin, nimbate. Emp. wears stemma, div., c-p, and jewel. loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.

Bendall – Donald 1974, p. 1, M.1; *PCPC* 32; Sear 2271; *DOC IV*, Type A, pl. XXXVII, 4: 1259 - 1261?

- 481 24 mm / 1.65 g / 6 o'clock
Obv.: Γ/Θ/Φ/Ν to l., ω to r.
Rev.: Τ to l.
Ref.: PCPC 32.1 (*this coin*).
Prov.: Bendall colln.



- 482 25 mm / 2.39 g / 6 o'clock
Obv.: Γ/Θ/Φ/Ν to l., ω to r.
Rev.: Θ̄V ΧΜ to l., ΟΠ/ΛΛ/Λ to r.
Ref.: PCPC 32.2 (*this coin*).
Prov.: Bendall colln., from I.T. Roper colln. 9/11/1975

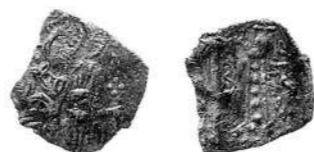


Obv.: ΙC XC in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel.
Rev.: ΧΜΔΕΠΗ ΟΤΤΑΛ in two columnar groups. Full-length figure of emperor wearing stemma, div. and panelled chlamys; r. hand labarum-headed sc.; l. hand globus surmounted patriarchal cross.
 Bendall – Donald 1974, p. 1, M.2; PCPC 42; Sear 2279; DOC IV, Type B, pl. XXXVII, 5: 1259 - 1261?

- 483 27 mm / 2.50 g / 6 o'clock
Obv.: ΙC – XC
Rev.: Η/Δ/Ε/Π/Η to l., Ο/Π/ΛΛ to r.
Ref.: DOC IV, pl. XXXVII, 5.1; PCPC 42.1 (*this coin*).
Prov.: Bendall colln., from Pappadopoulos



- 484 20 mm / 1.04 g / 6 o'clock
Obv.: C – X̄ Four pellets, ∴, above cushion of throne in r. field.
Rev.: Ο/Π/Λ/Ο to r.
Ref.: DOC IV, pl. XXXVII, 5.1; PCPC 42.2 (*this coin*).
Prov.: Bendall colln.



Started at Magnesia, continued at Constantinople

Hyperpyron, AV

Obv.: ΗΠ Θ̄V in upper field. Virgin nimbate, seated upon throne with back with side panels decorated with Β Β; holds beardless, nimbate head of Christ on breast.
Rev.: Χ to l., ΟΠ to r. ΙC XC in r. field. St. Michael, beardless and nimbate, presenting kneeling emperor to Christ, who is seated on low throne and holds scroll. Emp. wears stemma, div., c-p and panelled loros of simpl. type.
 PCPC 3B.1; Sear 2241; DOC V, Class II-b, - (see p. 107, table 4, II(b)): 1260 - 1261?

- 485 28 mm / 4.24 g / 6 o'clock

Obv.: ΗΠ – Θ
Rev.: ΙC – XC Χ to l., ΟΠ to r.
Ref.: PCPC 3B.1 (*this coin*); Bendall 1982a, pl. 13, no. 15 (*this coin*).
Prov.: Bendall colln., from Istanbul (VII) hoard



Obv.: ΗΠ Θ̄V in upper field. Virgin nimbate, seated upon throne with back with side panels decorated with Κ Χ; holds beardless, nimbate head of Christ on breast.
Rev.: Μ centre above, ΧΜ/ΔΕ/ΠΟ/Τ to l., ΟΠ/ΛΛ/Ε/Λ to r. ΙC XC beside head of Christ. St. Michael, beardless and nimbate, presenting kneeling emperor to Christ, who is seated on low throne and holds scroll. Emp. wears stemma, div., c-p and jewel. loros of simpl. type.
 PCPC 3C.2; Sear 2241; DOC V, Class II-c, - (see p. 107, table 4, II(c)): 1260 - 1261?

- 486 27 mm / 4.31 g / 6 o'clock

Obv.: ΗΠ – Θ
Rev.: ΙC XC ΧΜ/Ε/С to l., Μ above, ΟΠ/ΛΛ/Ε/Λ to r.
Prov.: Bendall colln., from ANS (by exchange)



- 487 29 mm / 4.27 g / 6 o'clock

Obv.: VΘ – ΗΠ
Rev.: ΙC XC ΧΜ/ΔΕ/ΠΟ/Τ to l., Μ above, ΟΠ/ΛΛ/Ε/Λ to r.
Ref.: PCPC 3C.2 (*this coin*).
Prov.: Bendall colln.



Constantinople

Hyperpyron, AV

Obv.: $\overline{\text{MP}} \overline{\text{OV}}$ in upper field. Half-length figure of Virgin nimbate, orans within walls of Constantinople furnished with six towers.

Rev.: $\text{M}\Lambda$ above, $\overline{\text{M}}/\Delta\text{E}\text{C}$ to l., $\text{Π}/\text{O}\text{T}\text{I}$ to r. $\overline{\text{IC}} \overline{\text{XC}}$ beside head of Christ. St. Michael, beardless and nimbate, presenting kneeling emperor to Christ, who is seated on low throne and holds scroll. Emp. wears stemma, div., c-p and jewel. loros of simpl. type.

PCPC 4; Sear 2242; *DOC* V, Class III-a, pls. 1-2, 2-16

Siglon: 8 var.?

488 25 mm / 4.18 g / 6 o'clock

Obv.: $\text{M} - \overline{\text{O}}$

Rev.: $\overline{\text{IC}} \overline{\text{X}} \text{X}/\text{M}/\Delta\text{E}/\text{T}\text{H}$ to l., O/A to r.

Ref.: *DOC* V, pl. 1, 9; Bendall 1982a, pl. 13, no. 26 (*this coin*).

Prov.: Bendall colln., from Istanbul (VII) hoard



Siglon: 19

489 27 mm / 4.10 g / 6 o'clock

Obv.: $\text{M} - \overline{\text{O}}$

Rev.: $\text{O}/\text{Π}/\text{A}$ to r.

Ref.: Bendall 1982a, pl. 14, no. 29 (*this coin*).

Prov.: Bendall colln., from Istanbul (VII) hoard



Siglon: 23

490 23.5 mm / 4.22 g / 6 o'clock

Rev.: $\overline{\text{XC}}$

Ref.: *DOC* V, pl. 2, 15; Bendall 1982a, pl. 14, no. 31 (*this coin*).

Prov.: Bendall colln., from Istanbul (VII) hoard



Siglon: 28

491 27 mm / 4.12 g / 6 o'clock

Rev.: $\overline{\text{IC}} - \text{X} \overline{\text{X}}$ to l.

Ref.: Bendall 1982a, pl. 14, no. 30 (*this coin*).

Prov.: Bendall colln., from Istanbul (VII) hoard



Siglon: 32

492 28 mm / 3.99 g / 6 o'clock

Rev.: $\overline{\text{IC}} - \overline{\text{XC}} \overline{\text{X}}/\text{M}/\Delta/\text{E}\text{C}$ to l., $\text{O}/\text{Π}$ to r.

Ref.: *DOC* V, pl. 1, 2-3.

Prov.: Bendall colln.



Siglon: 34

493 27 mm / 4.14 g / 6 o'clock

Obv.: $\text{M} - \overline{\text{O}}$

Rev.: $\overline{\text{IC}} - \overline{\text{XC}} \overline{\text{X}}/\text{M}/\Delta\text{E}/\text{Π}/\text{O}/\text{T}\text{I}$ to l., $\text{OΠ}/\text{A}\Lambda/\text{E} \dots / \Lambda \dots$ to r.

Ref.: *PCPC* 4.1 (*this coin*).

Prov.: Bendall colln., from Glendining auction 18/6/1937, lot 131, from J.L. Balderson colln.



Obv.: $\overline{\text{MP}} \overline{\text{OV}}$ in upper field. Half-length figure of Virgin nimbate, orans within walls of Constantinople furnished with six towers.

Rev.: $\text{M}\Lambda$ above, $\overline{\text{M}}/\Delta\text{E}\text{C}$ to l., $\text{Π}/\text{O}\text{T}\text{I}$ to r. $\overline{\text{IC}} \overline{\text{XC}}$ beside head of Christ. St. Michael, beardless and nimbate, presenting kneeling emperor to Christ, who is seated on low throne and holds Gospel. Emp. wears stemma, div., c-p and jewel. loros of simpl. type.

PCPC 5; Sear 2243; *DOC* V, Class III-b, pl. 2, 17-25

Siglon: 47

494 25 mm / 4.10 g / 6 o'clock

Rev.: $\overline{\text{IC}} - \overline{\text{XC}} \text{Π}/\Delta/\Lambda\text{E}$ to r. ($\text{Π}\Delta$ as monogram)

Ref.: *PCPC* 5.2 (*this coin*); Bendall 1982a, pl. 15, no. 52 (*this coin*).

Prov.: Bendall colln., from Istanbul (VII) hoard



495 25 mm / 4.23 g / 6 o'clock

Obv.: $\text{M} - \overline{\text{OV}}$

Rev.: $\overline{\text{IC}} - \overline{\text{XC}} \text{X}/\text{M}$ to l., $\text{Π}\Delta/\Lambda\text{E}$ to r. ($\text{Π}\Delta$ as monogram)

Prov.: Bendall colln.



Siglon: 50

496 24 mm / 4.08 g / 6 o'clock

Rev.: $\overline{\text{IC}} - \overline{\text{XC}} \text{OΠ}/\text{A}\Lambda$ to r.

Ref.: *PCPC* 5.3 (*this coin*).

Prov.: Bendall colln.



Siglon: 55

497 25 mm / 4.19 g / 6 o'clock

Rev.: $\text{V} - \overline{\text{XC}} \text{X}/\text{M}/\Lambda\text{C}/\Lambda/\text{T}$ to l., $\text{OΠ}/\text{A}\Lambda$ to r.

Ref.: Bendall 1982a, pl. 14, no. 42 (*this coin*).

Prov.: Bendall colln., from Istanbul (VII) hoard



- Siglon: 57
498 26.5 mm / 4.18 g / 6 o'clock
Obv.: $\overline{\text{H}} - \Theta$
Rev.: $\overline{\text{X}} \text{X} \overline{\text{M}} / \Delta \text{C} / \text{C} \overline{\text{P}} / \text{O} \overline{\text{T}} \overline{\text{A}}$ to l., V to r.
Ref.: *DOC V*, pl. 2, 20-1; Bendall 1982a, pl. 14, no. 41 (*this coin*).
Prov.: Bendall colln., from Bank Leu 1975, from Mellon colln., from Istanbul (VII) hoard



- Siglon: 61
499 28 mm / 4.13 g / 6 o'clock
Rev.: $\overline{\text{IC}} - \text{X} \overline{\text{X}}$ to l.
Ref.: *DOC V*, pl. 2, 19.
Prov.: Bendall colln.



- Siglon: 64
500 26 mm / 4.09 g / 6 o'clock
Obv.: $\overline{\text{M}}$
Rev.: $\overline{\text{IC}} - \overline{\text{XC}} \text{X} \overline{\text{M}} / \Lambda \text{EC}$ to l., $\text{O} / \overline{\text{P}}$ to r.
Ref.: *DOC V*, pl. 2, 22.
Prov.: Bendall colln.



- Siglon: 68
501 24 mm / 4.21 g / 6 o'clock
Rev.: $\overline{\text{IC}} - \overline{\text{XC}} \text{X} \overline{\text{M}} / \Lambda \text{C} / \overline{\text{P}} \overline{\text{A}} / \overline{\text{T}}$ to l., $\text{O} \overline{\text{P}} / \Lambda \Lambda$ to r.
Ref.: *PCPC 5.1 (this coin)*.
Prov.: Bendall colln.



- Siglon: 75/76
502 26 mm / 4.12 g / 6 o'clock
Obv.: $\overline{\text{H}} \overline{\text{P}}$
Rev.: $\overline{\text{IC}} - \overline{\text{XC}} \overline{\text{X}} \overline{\text{H}} / \Delta$ to l., $\text{O} \overline{\text{P}}$ to r.
Prov.: Bendall colln.



- Siglon: 77
503 26 mm / 4.13 g / 6 o'clock
Rev.: $\overline{\text{IC}} - \overline{\text{XC}} \text{O} \overline{\text{P}} / \Lambda \Lambda / \text{O} \overline{\text{T}}$ to r.
Ref.: Bendall 1982a, pl. 15, no. 54 (*this coin*).
Prov.: Old Ashmolean colln., from Baldwin 1980, from D.R. Walker colln., from Istanbul (VII) hoard



- Siglon uncertain
504 27 mm / 3.90 g / 6 o'clock
Obv.: $\overline{\text{H}}$
Rev.: $\overline{\text{XC}} \text{X} \overline{\text{M}} / \Delta \text{C} / \overline{\text{T}}$ to l., $\text{O} \overline{\text{P}} / \Lambda \Lambda$ to r.
Prov.: Old Ashmolean colln., from E.S. Bouchier 1930



Aspron Trachy, AR

Obv.: $\overline{\text{H}} \overline{\text{P}} \overline{\text{O}} \overline{\text{V}}$ in upper field. Virgin nimbate, seated upon throne with back, with side pannels each decorated with a saltire and four pellets; holds beardless, nimbate head of Christ on breast.

Rev.: $\text{X} \overline{\text{M}} / \Delta \text{EC} / \overline{\text{P}} \overline{\text{O}} \overline{\text{T}} \overline{\text{A}} \overline{\text{C}}$ to l., $\overline{\text{IC}}$ in upper field, $\overline{\text{XC}}$ and $\text{O} \overline{\text{P}} / \Lambda / \Lambda \text{E} / \text{O} \Lambda$ to r. St. Michael, beardless and nimbate, presenting kneeling emperor to Christ, who is seated on low throne and holds scroll in l. hand. Emp. wears stemma, div., c-p and jewel. loros of simpl. type.

PCPC 7; Sear 2245; *DOC V*, Class IV, pl. 3, 29-32

- 505** 25 mm / 1.71 g / 6 o'clock
Obv.: $\overline{\text{H}} \overline{\text{P}} - \text{V}$
Rev.: $\overline{\text{IC}} - \overline{\text{XC}} \text{O} \overline{\text{P}} / \Lambda$ to r.
Ref.: *PCPC 7.1 (this coin)*; Bendall – Donald 1982, p. 121, no. 2.
Prov.: Bendall colln., from I.T. Roper colln., from Sternberg auction 27/11/1975, lot 256



Obv.: $\overline{\text{H}} / \overline{\text{T}} \overline{\text{H}}$ to l., $\text{M} / \text{C} \Delta$ to r. "Prepared" throne with Gospel and instruments of Christ's passion.

Rev.: $\Lambda / \overline{\text{T}}$ to l. Full-length figure of emperor on l., and of military saint; between them star on long shaft, at the end of which a globe. Emp. wears stemma, div., panelled loros of simpl. type and sagion; holds in r. hand sc. cr. Saint wears short military tunic and sagion; holds sword point downward.

PCPC 13; Sear 2251; *DOC V*, Class IX, pl. 3, 37

- 506** 26 mm / 1.90 g / 6 o'clock
Rev.: $\Lambda / \overline{\text{T}}$ to l.
Ref.: *PCPC 13.1 (this coin)*; Bendall – Donald 1982, p. 122, no. 8.
Prov.: Bendall colln., from Bank Leu 1975, from Mellon colln.



Obv.: Seraph facing between Β Θ .

Rev.: ΧΜ/ΔΕC/ΠΟ/Τ to l., ΟΠΑ/ΛΕΟ to r. Full-length figure of emperor between Β Θ , wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand sword point downward; l. hand anexikakia.

PCPC 18; Sear 2256; *DOC* V, Class X, pl. 3, 38

507 23.5 mm / 1.73 g / 6 o'clock

Rev.: ΧΜ/ΔΕC/ΠΟ/Τ to l., ΟΠΑ/Λ to r.

Ref.: *PCPC* 18 (this coin); Sear 2256 (this coin); Bendall – Donald 1982, p. 122, no. 12.

Prov.: Bendall colln., from Munich 11/1/1976



Stamenon, AE

Obv.: ΙC XC in field. Bust of Christ, beardless and nimbate; r. hand raised in benediction; l. hand scroll. Κ Χ in field.

Rev.: ΧΜ/ΔΕC/Π/ΤΙC to l., ΟΠΑ/ΛΕ/ΟΛ to r. ΙC XC beside head of Christ. Kneeling figure of emperor wearing div., c-p, and jewel. loros of simpl. type, being presented by St. Michael, beardless and nimbate, to Christ, who crowns him with r. hand and holds scroll in Bendall – Donald 1974, p. 3, C.1; *PCPC* 20; Sear 2259; *DOC* V, Class I, pl. 4, 46-51: 1261/

508 26 mm / 3.54 g / 6 o'clock

Obv.: ΙC – Χ

Rev.: ΙC – XC ΧΜ/Ε/Ο to l., ΟΠΑ/Λ/Ο to r.

Ref.: *PCPC* 20.1 (this coin); Sear 2259 (this coin).

Prov.: Bendall colln.



509 26 mm / 2.41 g / 6 o'clock

Obv.: XC

Ref.: *PCPC* 20.3 (this coin).

Prov.: Bendall colln.



Obv.: ΗΡ ΘV in upper field. Virgin nimbate, seated upon throne with back, with side panels each decorated with a saltire and four pellets; holds beardless, nimbate head of Christ on breast.

Rev.: ΧΜ/ΔΕC/Π/ΤΙC to l., ΟΠΑ/ΛΕ/ΟΛ to r. ΙC XC beside head of Christ. Kneeling figure of emperor wearing div., c-p, and jewel. loros of simpl. type, being presented by St. Michael, beardless and nimbate, to Christ, who crowns him with r. hand and holds scroll in Bendall – Donald 1974, p. 3, C.2; *PCPC* 21; Sear 2260; *DOC* V, Class II, pl. 4, 52-5

510 26 mm / 3.22 g / 6 o'clock

Obv.: ΘV

Rev.: XC ΧΜ to l., ΟΠΑ/Λ/Ο to r.

Ref.: *PCPC* 21.1 (this coin).

Prov.: Bendall colln.



511 28 mm / 4.05 g / 6 o'clock

Obv.: ΗΡ – ΘV

Rev.: ΙC – Χ

Prov.: Bendall colln.



512 24 mm / 2.46 g / 6 o'clock

Obv.: ΗΡ – ΘV

Rev.: ΙC – Χ

Prov.: Bendall colln.



513 29 mm / 3.06 g / 6 o'clock

Obv.: ΗΡ

Rev.: ΙC – Χ

Prov.: Old Ashmolean colln., from J.G. Milne, from Artemision



Obv.: ΙC XC in field. Bust of Christ, bearded and nimbate; l. hand Gospel. Two groups of three pellets in field.

Rev.: ΧΜ/ΔΕC/ΠΟ/ΤS (or var.) to l., ΧΜ to r. Full-length figure of emperor on l., and of St. Michael, beardless and nimbate; between them labarum on long shaft. Emp. wears div., c-p, and jewel. loros of simpl. type; r. hand sc. cr.

Bendall – Donald 1974, p. 5, C.4; *PCPC* 22 (but as St. George on rev.); Sear 2261; *DOC* V, Class III, pl. 4, 56-7

514 25 mm / 3.00 g / 6 o'clock

Obv.: C – XC

Rev.: ΕC/ΠΟ to l., ΧΜ to r. Three pellets r. in the field.

Ref.: *PCPC* 22.2 (this coin).

Prov.: Bendall colln., from I.T. Roper colln. 9/11/1975



- 515 26 mm / 2.41 g / 6 o'clock
Obv.: $\overline{C} - \overline{XC}$
Rev.: $\overline{X/M/.../C\Pi}$ to l., $\overline{X/M}$ to r.
Prov.: Bendall colln.



Obv.: $\overline{\text{MP}} \overline{\text{OV}}$ in upper field. Virgin nimbate, seated upon throne without back; holds beardless, nimbate head of Christ on breast.
Rev.: Full-length figure of emperor on l., crowned by Christ, bearded and nimbate. Emp. wears div., c-p, and jewel. loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.
 Bendall – Donald 1974, p. 5, C.5; *PCPC* 23; Sear 2262; *DOC V*, Class III bis, pl. 4, 58

- 516 23 mm / 2.48 g / 6 o'clock
Obv.: ΘV (Three pellets above cushion of throne in r. field.)
Ref.: *PCPC* 23.2 (this coin).
Prov.: Bendall colln.



- 517 24 mm / 1.94 g / 6 o'clock
Obv.: ΘV (ΘB above cushions of throne in field.)
Ref.: *PCPC* 23.3 (this coin).
Prov.: Bendall colln., from Istanbul May 1971



Obv.: $\overline{\text{MP}} - \overline{\text{OV}}$ in upper field. Virgin nimbate, seated upon throne with back with side pane decorated with $B B$; holds beardless, nimbate head of Christ.
Rev.: $\overline{X/M/\Delta/\epsilon/C/\Pi/O/T}$ (or var.) to l., $\overline{X/M}$ to r. Full-length figure of emperor on l., embraced by St. Michael, beardless and nimbate. Emp. wears div., c-p, and panelled loros of simpl. type; holds r. hand on breast, and anexikakia in l.
 Bendall – Donald 1974, p. 5, C.6; *PCPC* 24; Sear 2263; *DOC V*, Class IV, pl. 4, 59-63

- 518 27 mm / 2.16 g / 6 o'clock
Obv.: $\overline{\text{MP}} - \overline{\text{OV}}$
Rev.: \overline{X} to l., $\Theta/\Pi/A$ to r.
Ref.: *PCPC* 24.1 (this coin).
Prov.: Bendall colln., from Istanbul Aug. 1970



- 519 25 mm / 3.10 g / 6 o'clock
Rev.: $\overline{X/M}$ to l.
Ref.: *PCPC* 24.3 (this coin).
Prov.: Bendall colln., from Istanbul Aug. 1970



Obv.: $\overline{\text{MP}} \overline{\text{OV}}$ in upper field. Full-length figure of Virgin nimbate, orans, three quarters left.
Rev.: Full-length figure of emperor on l., and of St. George, beardless and nimbate; between them labarum on long shaft. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand sc. cr. Saint wears short military tunic, breastplate and sagion.
 Bendall – Donald 1974, p. 7, C.7; *PCPC* 25; Sear 2264; *DOC V*, Class V, pl. 4, 64-5

- 520 24 mm / 2.18 g / 6 o'clock
Obv.: $\overline{\text{MP}} - \Theta$
Ref.: *PCPC* 25.2 (this coin).
Prov.: Bendall colln.



- 521 25.5 mm / 2.02 g / 6 o'clock
Obv.: $\overline{\text{MP}}$
Prov.: Bendall colln.



Obv.: $\Theta/A/\Gamma/S$ to l., $\Delta/H/M/F/S$ to r., or var. Full-length figure of St. Demetrius, beardless and nimbate, wearing short military tunic, breastplate and sagion; r. hand spear; l. hand shield.
Rev.: $\overline{X/M/\Delta/\epsilon}$ to l., $\Theta/\Pi/\Lambda/\epsilon/O/\Gamma$ to r., or var. $\overline{\text{MP}} \overline{\text{OV}}$ in upper and r. field. Full-length figure of emperor on l., blessed by Virgin, nimbate. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum on long shaft; l. hand anexikakia.
 Bendall – Donald 1974, p. 7, C.8; *PCPC* 26; Sear 2265; *DOC V*, Class VI, pl. 5, 66-9

- 522 30 mm / 4.14 g / 6 o'clock
Obv.: $\Theta/\Delta/\Gamma/\Lambda/O$ to l., $\Delta/H/M/F/\Pi/O/C$ to r.
Rev.: $\overline{\text{OV}} \overline{X/M}$ to l., Θ/Π to r.
Ref.: *PCPC* 26.1 (this coin); Sear 2265 (this coin).
Prov.: Bendall colln., from Milas colln.



- 523 25 mm / 2.89 g / 6 o'clock
Obv.: $\Theta/A/\Gamma/\Lambda/C$ to l., $H/M/F$ to r.
Rev.: $\overline{\text{MP}} - \overline{\text{OV}} \Theta/\Pi/\Lambda/\epsilon/O/\Gamma$ to r.
Ref.: *PCPC* 26.2 (this coin).
Prov.: Bendall colln., from Greek collector May 1976



Obv.: Ⓞ/Δ or var. to l., Η/Φ or var. to r. Bust of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear resting over l. shoulder; l. hand shield.
Rev.: Χ/Μ/Δ or var. to l., Ο/Π/Λ or var. to r. Half-length figure of emperor supported by St. Michael, beardless and nimbate, standing behind him. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.; l. hand gl. cr.
 Bendall – Donald 1974, p. 7, C.9; *PCPC* 27; Sear 2266; *DOC* V, Class VII, pl. 5, 70

524 24 mm / 2.32 g / 6 o'clock
Obv.: Γ/Ⓞ/Ι to l., Η/Φ to r.
Rev.: Χ/Μ to l., Ο/Π/Λ to r.
Ref.: *PCPC* 27.1 (this coin).
Prov.: Bendall colln., from G. Zacos colln.



Obv.: Ο/ΑΓΙ/Σ to l., ΓΕ/ΒΓΙ/Σ to r., or var. Bust of St. George, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear resting over shoulder; l. hand shield.
Rev.: Χ/Μ/ΔΕ/Ι/ΣΠ/ΟΤ to l., Ο/Π/Λ/Ψ/Γ/Ι to r., or var. Full-length figure of emperor on l., and of St. Constantine, bearded; between them patriarchal cross on long shaft. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc. Saint similar dressed; l. hand trilobite sc.
 Bendall – Donald 1974, p. 9, C.10; *PCPC* 28; Sear 2267; *DOC* V, Class VIII, pl. 5, 71-2

525 26.5 mm / 3.03 g / 6 o'clock
Obv.: Ο/Σ to l., Γ/Σ/Ε/Ο to r.
Rev.: Ο/Π to r.
Ref.: *PCPC* 28.1 (this coin).
Prov.: Bendall colln., from I.T. Roper colln. 9/11/1975



526 25 mm / 2.44 g / 6 o'clock
Obv.: Ο/Γ/Α to l., Β/Γ to r.
Rev.: Χ/Μ/ΔΕ/Ι/ΣΠ to l.
Ref.: *PCPC* 28.2 (this coin).
Prov.: Bendall colln., from O'Hara colln.



Obv.: Χ/Μ to r. Half-length figure of St. Michael, beardless and nimbate, wearing div., c-p and loros; r. hand trilobate sc. resting over shoulder; l. hand globus.
Rev.: Χ/Μ to l. Full-length figure of emperor on l., and of St. Demetrius (?), beardless and nimbate; between them labarum on long shaft, that ends to three steps. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand cruciform sc. Saint wears tunic, breastplate and sagion.
 Bendall – Donald 1974, p. 9, C.11; *PCPC* 29; Sear 2268; *DOC* V, Class IX, pl. 5, 73-6 (but : St. Theodore (?) on rev.)

527 26.5 mm / 2.33 g / 6 o'clock
Obv.: Ο/Λ/Χ to l., Η to r.
Rev.: Χ/Δ to l., Γ/Σ to r.
Ref.: *PCPC* 29.1 (this coin).
Prov.: Bendall colln., from G. Zacos colln.



528 24 mm / 2.50 g / 6 o'clock
Rev.: Ο/Σ to l.
Ref.: *PCPC* 29.2 (this coin).
Prov.: Bendall colln., from G. Zacos colln.



Obv.: Half-length figure of St. Michael, beardless and nimbate; r. hand spear resting over shoulder; l. hand globus.
Rev.: Χ/Μ or var. to l., Ⓞ/Γ/Ε to r. Half-length figure of emperor on l., and of St. George, beardless and nimbate; between them patriarchal cross on long shaft. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand sc. cr. Saint wears tunic, breastplate and sagion; l. hand sheathed sword. *Manus Dei* in upper l. field.
 Bendall – Donald 1974, p. 9, C.12; *PCPC* 30; Sear 2269; *DOC* V, Class X, pl. 5, 77-8

529 25 mm / 3.13 g / 6 o'clock
Rev.: Χ/Η to l., Ⓞ/Γ/Ε to r.
Ref.: *PCPC* 30.2 (this coin); Sear 2269 (this coin).
Prov.: Bendall colln., ex H. Weller summer 1975



530 24 mm / 1.55 g / 6 o'clock
Rev.: Emperor holds in r. hand labarum-headed sc.?
Prov.: Bendall colln., from Munich Coin Fair Apr. 1975



Obv.: Ο/ΑΓΙ/Ο/Σ to l., Θ/ΕΟΔ/ΡΟ/Σ to r., or var. Half-length figure of St. Theodore, bearded and nimbate, wearing tunic, breastplate and sagion; r. hand spear resting over l. shoulder; l. hand shield.
Rev.: Χ/Μ to l., ΟΠ/Α/Λ/Ο/Σ to r., or var. ΙC XC in upper and r. field. Full-length figure of emperor on l. crowned by Christ, bearded and nimbate. Emp. wears stemma, div., c-p and loros of simpl. type; r. hand sc. cr.; l. hand anxikakia.
 Bendall – Donald 1974, p. 11, C.13; *PCPC* 31; Sear 2270; *DOC* V, Class XI, pl. 5, 79-81

- 531 25 mm / 2.68 g / 6 o'clock
Obv.: O/ΑΓΙ/O to l.
Rev.: Χ/Μ to l.
Ref.: PCPC 31.1 (*this coin*).
Prov.: Bendall colln., from G. Zacos colln.



Obv.: Η/ΤΗ to l., ΜΙ/ΣΔ to r. "Prepared" throne with Gospel and instruments of Christ's passion.
Rev.: Χ/Η to l., Θ/Γ to r., or var. Full-length figure of emperor on l., and of military saint, bearded and nimbate; between them labarum (or star) on long shaft. Emp. wears stemma, diadem, loros of simpl. type and sagion; r. hand sc. cr. Saint wears short military tunic; l. hand sword, point downward.
 PCPC 33; Sear 2272; DOC V, Class XII, pl. 5, 82

- 532 23 mm / 1.41 g / 6 o'clock
Obv.: Η to l., Δ to r.
Rev.: Χ/Η to l.
Ref.: Bendall 1976a, pp. 231-4.
Prov.: Bendall colln.



- 533 24 mm / 2.32 g / 6 o'clock
Obv.: ΗΙ/ΔΣ to r.
Rev.: Τ/Α to l., Θ/Γ to r.
Prov.: Bendall colln.



- 534 22.5 mm / 2.38 g / 6 o'clock
Prov.: Bendall colln.



Obv.: Virgin, nimbate, seated upon throne with back with side panels each decorated with a saltire with four pellets; holds beardless, nimbate head of Christ on breast?
Rev.: Α/Γ/Α to r. Full-length figure of emperor on l., and of military saint (St. Theodore?), bearded and nimbate; between them labarum on long shaft. Emp. wears stemma, diadem and chlamys; r. hand sc. cr. Saint wears short military tunic, breastplate and sagion; l. hand sword point downward.
 PCPC - ; Sear - ; DOC V, Class XIII, pl. 5, 83

- 535 23 mm / 2.19 g / 6 o'clock
Rev.: Θ/Τ/Α to r.
Ref.: DOC V, pl. 5, 83 (*this coin*).
Prov.: Bendall colln., from Istanbul 1971



- 536 22.5 mm / 2.80 g / 6 o'clock
Rev.: Θ/Γ/Α/Σ to r.
Prov.: Bendall colln.



Obv.: ΙΣ ΧΣ in field. Bust of Christ, bearded and nimbate; l. hand Gospel.
Rev.: ΜΧ ΔΕΣ, or var. on l. Emperor seated upon throne without back, wearing stemma, diadem, c-p and panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand model of city.
 Bendall – Donald 1974, p. 11, C.14; PCPC 34; Sear 2273; DOC V, Class XIV, pl. 6, 84-5

- 537 24 mm / 2.11 g / 6 o'clock
Obv.: Σ
Rev.: ΙΧΣ/Μ/ΔΕΣ/Π to l.
Ref.: PCPC 34.2 (*this coin*).
Prov.: Bendall colln.



- 538 23 mm / 2.39 g / 6 o'clock
Obv.: Χ
Ref.: PCPC 34.3 (*this coin*).
Prov.: Bendall colln., from G. Zacos colln.



Obv.: ΗΡ ΘΥ in field. Full-length figure of Virgin, nimbate, orans, standing three-quarters l. Β Β in field.
Rev.: ΧΜ/ΔΕΣ/ΠΤ to l., Ο/Π/ΑΛ/ΕΛ to r., or var. Emperor seated upon throne without back, wearing stemma, diadem, c-p and panelled loros of simpl. type; r. hand labarum headed sc.; l. hand globus surmounted by patriarchal cross.
 Bendall – Donald 1974, p. 11, C.15; PCPC 36; Sear 2274; DOC V, Class XV, pl. 6, 86-90

- 539 25 mm / 2.17 g / 6 o'clock
Obv.: ΘΥ Β in r. field.
Rev.: Δ/Α/Ε to r. Emperor holds in l. hand gl. cr.
Ref.: PCPC 36.2 (*this coin*).
Prov.: Bendall colln.



- 540 25 mm / 2.81 g / 6 o'clock
Obv.: Β in l. field.
Rev.: Η/Δ/Ε/Π/Γ/Α to l., Ι/Π to r.
Ref.: PCPC 36.1 (*this coin*).
Prov.: Bendall colln., from G. Zacos colln.



Obv.: $\overline{\text{HP}}$ – $\overline{\text{V}}$ in field. Bust of Virgin nimbate, orans.
Rev.: $\text{X}\overline{\text{M}}/\Delta/\epsilon/\text{C}/\overline{\text{M}}$ to l., $\text{O}/\overline{\text{PA}}/\Lambda/\epsilon/\text{O}/\overline{\text{M}}/\text{S}$ to r., or var. Emperor seated upon throne with back wearing stemma, div. and loros; holds sword across knees.
 Bendall – Donald 1974, p. 13, C.16; *PCPC* 37; Sear 2275; *DOC* V, Class XVI, pl. 6, 91-5

541 26 mm / 2.90 g / 6 o'clock
Obv.: $\overline{\text{HP}}$ – $\overline{\text{V}}$
Rev.: $\overline{\text{M}}/\Delta/\overline{\text{M}}/\overline{\text{T}}/\Lambda$ to l., $\text{O}/\overline{\text{PA}}/\Lambda/\epsilon/\Lambda$ to r.
Ref.: *PCPC* 37.1 (this coin).
Prov.: Bendall colln., from R.N. Bridge (gift)



542 25 mm / 2.12 g / 6 o'clock
Obv.: $\overline{\text{V}}$
Rev.: $\overline{\text{M}}$ to l., $\text{O}/\overline{\text{PA}}/\Lambda/\text{C}/\text{O}/\Lambda/\overline{\text{M}}$ to r.
Ref.: *PCPC* 37.2 (this coin); Sear 2275 (this coin).
Prov.: Bendall colln.



Obv.: Figure of cherub, with four wings holding two spears.
Rev.: Emperor seated upon throne with back, wearing stemma, div., c-p and panelled loros simpl. type; r. hand labarum-headed sc.; l. hand anexikakia.
 Bendall – Donald 1974, p. 13, C. 18; *PCPC* 40 (but as seraphim on obv.); Sear 2276; *DOC* Class XVII, pl. 6, 96-9

543 24 mm / 1.78 g / 6 o'clock
Ref.: *PCPC* 40.1 (this coin); Veglery – Millas 1977, p. 95, no. 4.
Prov.: Bendall colln., from G. Zacos colln.



544 21 mm / 1.36 g / 6 o'clock
Prov.: Bendall colln.



545 22 mm / 1.61 g (clipped) / 6 o'clock
Prov.: Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4242, 26/4/1945



Obv.: $\overline{\text{IC}}$ $\overline{\text{XC}}$ in upper field. Full-length figure of Christ, bearded and nimbate, standing on dais; r. hand in benediction in sling of cloak; l. hand Gospel.
Rev.: $\text{X}\overline{\text{M}}$ to l. Emperor seated upon throne with back, wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum-headed sc., l. hand gl. cr.
 Bendall – Donald 1974, p. 37, UC.4; *PCPC* 35; Sear 2290; *DOC* V, Class XVIII, pl. 6, 100-2

546 26 mm / 2.28 g / 6 o'clock
Obv.: $\overline{\text{IC}}$ – $\overline{\text{X}}$
Rev.: $\text{X}\overline{\text{M}}$ to l.
Ref.: *PCPC* 35.1 (this coin).
Prov.: Bendall colln., from G. Zacos colln.



547 27 mm / 2.76 g / 6 o'clock
Obv.: $\overline{\text{IC}}$ – $\overline{\text{X}}$
Ref.: *PCPC* 35.2 (this coin).
Prov.: Bendall colln., from G. Zacos colln.



Obv.: Virgin, nimbate, seated upon throne with back, with side panels each decorated with a saltire with four pellets; holds beardless, nimbate head of Christ on breast.
Rev.: $\Lambda/\overline{\text{M}}$ to r. Emperor seated upon throne without back, wearing stemma, div., c-p, and jewel. loros of simpl. type; r. hand sc. cr.; l. hand gl. cr.
 Bendall – Donald 1974, p. 37, UC.5; *PCPC* 38; Sear 2291; *DOC* V, Class XIX, pl. 7, 103

548 24 mm / 2.00 g / 6 o'clock
Rev.: $\Lambda/\overline{\text{M}}$ to r.
Ref.: *DOC* V, pl. 7, 103 (this coin); *PCPC* 38.1 (this coin); Sear 2291 (this coin).
Prov.: Bendall colln., ex H. Weller



Obv.: $\text{X}\overline{\text{M}}$ to l., $\overline{\text{P}}$ to r. Full-length figure of St. Michael standing l.; r. hand patriarchal cross on long shaft; l. hand trilobate sc.?
Rev.: $\Delta/\overline{\text{M}}$ to l., or var. Emperor seated upon throne with back, wearing stemma, div. and chlamys; r. hand sc. cr.; l. hand gl. cr.
PCPC 39; Sear - ; *DOC* V, Class XX, pl. 7, 104-5

549 23 mm / 2.28 g / 6 o'clock
Ref.: *PCPC* 39.1 (this coin).
Prov.: Bendall colln.



- 550 21 mm / 1.45 g (clipped) / 6 o'clock
Obv.: ☩ ☩ in field.
Rev.: Δ/Π to l.
Ref.: *PCPC* 39.2 (*this coin*).
Prov.: Bendall colln., from Mellon colln.



- 551 25 mm / 1.75 g / 6 o'clock
Obv.: Ɱ to r. Full-length figure of St. Michael standing r.; r. hand spear; l. hand patriarchal cross on long shaft.
Rev.: Μ/Π to l., Χ/Γ to r.
Ref.: *PCPC* 39.3 (*this coin*).
Prov.: Bendall colln.



Obv.: ΙϞ ϞϞ in upper field. Bust of Christ, beardless and nimbate; l. hand scroll. Α Α in field.
Rev.: Χ/Μ to l., Ο/Π/ΑΛ/ΕΟ/ΛΟ/Γ to r. Full-length figure of emperor, wearing stemma, div., jewel. loros of simplified type and sagion; r. hand labarum-headed sc.; l. hand globus surmounted by patriarchal cross.
 Bendall – Donald 1974, p. 15, C.20; *PCPC* 41; Sear 2277; *DOC* V, Class XXI, pl. 7, 106

- 552 25 mm / 2.54 g / 6 o'clock
Obv.: Ϟ – Χ
Rev.: Ο/Π/ΑΛ/ΛΙ/Λ/Α to r.
Ref.: *PCPC* 41.1 (*this coin*).
Prov.: Bendall colln.



- 553 23 mm / 2.64 g / 6 o'clock
Obv.: ΙϞ – Χ Α in r. field.
Rev.: Χ/Μ to l.
Ref.: *PCPC* 41.2 (*this coin*); Sear 2277 (*this coin*).
Prov.: Bendall colln.



Obv.: ΙϞ ϞϞ in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel.
Rev.: Χ/Μ/ΔΕϞ/ΠΟΤ/ϞΙ to l., Π/Λ to r. Full-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.; l. hand model of city with three towers. Β Β in field.
 Bendall – Donald 1974, p. 29, T.9; *PCPC* 44; Sear 2280; *DOC* V, Class XXII, pl. 7, 107-8

- 554 24 mm / 1.66 g / 6 o'clock
Obv.: ΧϞ
Rev.: Χ/Μ/ΔΕ/Π to l., Π/Λ to r.
Ref.: *PCPC* 44.1 (*this coin*); Veglery – Millas 1977, pp. 95-6, no. 5.
Prov.: Bendall colln., ex H. Weller summer 1974



- 555 23 mm / 2.05 g / 6 o'clock
Obv.: Χ
Rev.: Ο/Π to r.
Ref.: *PCPC* 44.2 (*this coin*).
Prov.: Bendall colln.



- 556 23 mm / 1.95 g / 6 o'clock
Obv.: ΙϞ – Χ
Rev.: Χ/Μ/ΔΕϞ/Π/Τ/Λ/Ϟ to l., Ο/Π to r. Β Β in field.
Prov.: Bendall colln.



Obv.: ΜΡ Θ in upper field. Virgin nimbate, seated upon throne with back; holds beardless, nimbate head of Christ on breast.
Rev.: Χ/Μ/ΔΕϞ/ΠΟ/Τ/Σ to l., Ο/Π/Α/ΛΕ/ΟΛ/Ο/Γ/Σ to r., or var. Full-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; sheathed sword in both hands horizontally across waist.
 Bendall – Donald 1974, p. 15, C.21; *PCPC* 45; Sear 2281; *DOC* V, Class XXIII, pl. 7, 109

- 557 26 mm / 2.27 g / 6 o'clock
Obv.: ΜΡ – Θ Throne with side panels each decorated with a saltire with four pellets.
Rev.: Χ/Μ/ΔΕ/Π/Ϟ to l., Ο/Π/Α/ΛΕ/ΛΟ/Γ to r.
Ref.: *PCPC* 45.1 (*this coin*).
Prov.: Bendall colln.



- 558 25 mm / 1.74 g / 6 o'clock
Obv.: Ρ Throne with side panels decorated with Ϟ Ϟ.
Rev.: Χ/Μ/ΔΕϞ/ΠΟ/Τ/Σ to l., Π/Α/ΛΕ/ΛΟ to r.
Ref.: *PCPC* 45.2 (*this coin*); Bendall 1987b, p. 3, fig. 1 (*this coin*).
Prov.: Bendall colln., ex H. Weller 1980



559 26 mm / 2.19 g / 6 o'clock
Obv.: Throne with side panels decorated with
 ☩ ☩.
Rev.: X to l., ΟΠΑ/Α/Ο to r.
Prov.: Old Ashmolean colln., from Sabin
 galleries 1960



Obv.: Ο/Α/ΠΙ to l., Γ/Ε/Β to r., or var. Full-length figure of St. George, beardless and
 nimbate, wearing tunic, breastplate and sagion; r. hand spear; rests his l. hand on shield.
Rev.: ΧΜ/ΔΕ/ΠΟ/Τ to l., ΟΠΑ/ΛΕ/Ο/Λ/Γ to r., or var. Full-length figure of emperor
 wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum on long shaft;
 hand anexikakia.
 Bendall – Donald 1974, p. 17, C.22; *PCPC* 46; Sear 2282; *DOC* V, Class XXIV, pl. 7, 110-

560 25 mm / 2.39 g / 6 o'clock
Obv.: Ο/Α/Γ to l.
Rev.: ΧΜ/Σ/Ο to l., Ο/Π to r.
Ref.: *PCPC* 46.1 (this coin).
Prov.: Bendall colln., from G. Zacos colln.



561 25 mm / 2.13 g / 6 o'clock
Obv.: Ο/Α/Γ to l., Ρ to r.
Rev.: Ο/Π/Λ to r.
Ref.: *PCPC* 46.4 (this coin).
Prov.: Bendall colln.



Obv.: a) ΧΜ to l. or b) Χ/Α/Ρ/Γ (or var.) to l. and ΧΜ to r. Full-length figure of St.
 Michael, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand
 rests on shield.
Rev.: ΧΜΙ/ΔΕ/ΣΠΟ/Τ/Σ to l., ΟΠΑ/ΛΕ/Ο/Λ/Ο/Γ/Σ to r., or var. Full-length figure of
 emperor wearing stemma, div., jewel. loros of simplified type and sagion; r. hand labarum-
 headed sc.; l. hand anexikakia.
 Bendall – Donald 1974, p. 17, C.23; *PCPC* 2 (but as Magnesia); Sear 2283; *DOC* V, Class
 XXV, pl. 7, 114-22

562 26 mm / 2.43 g / 6 o'clock
Obv.: X to l., ΧΜ to r.
Rev.: ΧΜ/ΔΕ/Ο to l., ΟΠΑ/Λ/Ο/Λ/.../Ο to r.
Ref.: *PCPC* 2.1 (this coin).
Prov.: Bendall colln., from Istanbul Aug. 1970



563 27 mm / 3.12 g / 6 o'clock
Obv.: X to l.
Rev.: Ε/Σ to l., ΟΠΑ/Λ to r.
Ref.: *PCPC* 2.2 (this coin).
Prov.: Bendall colln., from I.T. Roper colln.



Obv.: ΧΜ to l. Full-length figure of St. Michael, beardless and nimbate, wearing
 tunic, breastplate and sagion; r. hand spear resting over shoulder; l. hand resting on
 shield.
Rev.: ΧΜ/Δ/Π to l., ΟΠΑ/ΛΕ/Ο/Λ/Γ/Σ to r. Full-length figure of emperor wearing
 stemma, div. and chlamys; r. hand trilobite sc.; l. hand gl. cr.
 Bendall – Donald 1974, p. 17, C.24; *PCPC* 47; Sear 2284; *DOC* V, Class XXVI, pl. 8,
 123-4

564 22 mm / 1.64 g / 6 o'clock
Obv.: ΧΜ to r.
Rev.: ΧΜ to l.
Ref.: *PCPC* 47.1 (this coin).
Prov.: Bendall colln., from I.T. Roper colln.



565 22 mm / 2.21 g / 6 o'clock
Rev.: Τ to l., ΛΛΓ to r.
Ref.: *PCPC* 47.2 (this coin).
Prov.: Bendall colln.



Obv.: Ο/Α/ΠΙ/Ο to l., ΝΙ/ΚΟ/ΛΑ/Σ to r. Bust of St. Nicholas, bearded and nimbate,
 wearing episcopal vestments (sticharion, felonion and omophorion); l. hand Gospel.
Rev.: ΧΜΙ/ΔΕ/ΣΠΟ/ΤΙ to l., ΟΠΑ/Λ... to r. Full-length figure of emperor wearing
 stemma, div., jewel. loros of simpl. type and sagion; r. hand sc. cr.; l. hand anexikakia.
Manus Dei in upper r. field.
 Bendall – Donald 1974, p. 19, C.25; *PCPC* 48; Sear 2285; *DOC* V, Class XXVII, pl.
 8, 125-6

566 25 mm / 2.45 g / 6 o'clock
Obv.: Ο/Α/ΠΙ/Ο to l., ΝΙ/ΚΟ/ΛΑ to r.
Rev.: ΧΜ/ΔΙ/Π to l., ΟΠΑ/Λ to r.
Ref.: *PCPC* 48.1 (this coin).
Prov.: Bendall colln.



Obv.: Large patriarchal cross with pelleted ends on floriate base.
Rev.: $\bar{\chi}M/\Delta E/\Pi/\Theta$ to l., $O/\Pi/\Lambda/C$ to r. Half-length figure of emperor wearing stemma, div. a. panelled chlamys (?); r. hand labarum-headed sc.; l. hand gl. cr. *Manus Dei* in upper r. field.
 Bendall – Donald 1974, p. 21, C.28; *PCPC* 49; Sear 2288; *DOC* V, Class XXVIII, pl. 8, 127

567 25 mm / 1.59 g / 6 o'clock
Rev.: $\chi M/\chi/\chi$ to l.
Ref.: *PCPC* 49.1 (this coin).
Prov.: Bendall colln., from G. Zacos colln.



568 25 mm / 2.73 g / 6 o'clock
Rev.: $O/\Pi/\Lambda/\Gamma$ to r.
Ref.: *PCPC* 49.2 (this coin).
Prov.: Bendall colln.



Obv.: Winged seraph.
Rev.: $\bar{\chi}M/\Delta E/C/\Pi O/\Gamma/C$ to l., $\bar{O}/\Pi A/\Lambda E/O/\Lambda/O$ to r. Full-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum on long shaft; l. hand globus surmounted by patriarchal cross.
 Bendall – Donald 1974, p. 21, C.29; *PCPC* 50; Sear 2289; *DOC* V, Class XXIX, pl. 8, 129

569 23 mm / 2.43 g / 6 o'clock
Rev.: $\bar{\chi}/\eta/\Delta$ to l., Π to r.
Ref.: *PCPC* 50.1 (this coin).
Prov.: Bendall colln., from O'Hara colln.



570 23 mm / 2.22 g / 6 o'clock
Rev.: $O/\Pi/\Lambda E/O$ to r.
Ref.: *PCPC* 50.2 (this coin); Weller 1969, pl. 12, no. 12 (this coin).
Prov.: Bendall colln., from Bergama (II) hoard



571 21 mm / 1.31 g / 6 o'clock
Ref.: *PCPC* 50.3 (this coin).
Prov.: Bendall colln.



Obv.: $\bar{I}C \bar{\chi}C$ in upper field. Bust of Christ beardless and nimbate, between Π and η .
Rev.: $\bar{\chi}M/\Delta E/C/\Pi O$ to l., $O/\Pi/\Lambda/\Lambda/E$ to r. Full-length figure of emperor, wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum on long shaft; l. hand *anexikakia*. *Manus Dei* in upper r. field.
PCPC 43; Sear 2278; *DOC* V, Class XXX, pl. 8, 130

572 22 mm / 2.27 g / 6 o'clock
Obv.: $\bar{\chi}$
Rev.: $\chi M/\Delta C$ to l., $\Gamma/\Lambda/E$ to r.
Ref.: *PCPC* 43.1 (this coin); Veglery – Millas 1977, p. 96, no. 6; Bendall – Donald 1976, p. 93, New Types, Constantinople.
Prov.: Bendall colln.



573 24 mm / 2.46 g / 6 o'clock
Obv.: $IC - \bar{\chi}$ (Π in l. field.)
Rev.: χ/η to l., $\Pi/\Lambda/\Lambda$ to r.
Ref.: *PCPC* 43.2 (this coin).
Prov.: Bendall colln.



Thessalonica

Hyperpyron, AV

Obv.: $\bar{\Pi}\bar{\Pi} \bar{\Theta}\bar{V}$ in upper field. Half-length figure of Virgin nimbate, orans within walls of Constantinople furnished with six towers.
Rev.: $M\Lambda$ above, $\bar{M}/\Delta E/C$ to l., $\Pi/O/\Gamma$ to r. $\bar{I}C \bar{\chi}C$ beside head of Christ. St. Michael, beardless and nimbate, presenting kneeling emperor to Christ, who is seated on low throne and holds scroll. Emp. wears stemma, div., c-p and jewel. loros of simpl. type.
PCPC 61.1/3; Sear - ; *DOC* V, Class III-a, pl. 1, 4-5

Siglon: 3
 574 28.5 mm / 3.99 g / 6 o'clock
Obv.: $\bar{m} - \bar{\Theta}\bar{V}$
Rev.: $\bar{I}C - \bar{\chi}C \bar{\chi}M$ to l. Star between heads.
Ref.: *DOC* V, pl. 1, 4-5; Bendall 1987a, pp. 40-1.
Prov.: Bendall colln.



Siglon: 4
 575 26 mm / 4.11 g / 6 o'clock
Obv.: $\eta\Pi - \bar{\Theta}$
Rev.: $\bar{I}C - \bar{\chi}C$ C to l., $\Pi/O/\Gamma$ to r. B between heads.
Ref.: *DOC* V, pl. 1, 6; *PCPC* 61.3 (this coin).
Prov.: Bendall colln.



576 26 mm / 4.17 g / 6 o'clock
Obv.: $\bar{M}\bar{\Pi} - \bar{\Theta}\bar{V}$
Rev.: $\bar{I}C - \bar{\chi}C \bar{\chi}M/\Delta$ to l., $\Pi O/\Gamma$ to r. B between heads.
Ref.: *DOC* V, pl. 1, 6; *PCPC* 61.3.
Prov.: Bendall colln.



577 Siglon: 10 or 2
30 mm / 4.07 g / 6 o'clock

Obv.: $\overline{\text{HP}} - \overline{\text{V}\Theta}$

Rev.: $\overline{\text{IC}} - \overline{\text{XC}}$ ϵ to l., ΠO/TI to r.

Ref.: *PCPC* 61.1 (*this coin*); Bendall 1987a, pp. 40-1, no. 3.

Prov.: Bendall colln.



Obv.: $\overline{\text{HP}} - \overline{\text{V}\Theta}$ in upper field. Half-length figure of Virgin nimbate, orans within walls of Constantinople furnished with six towers.

Rev.: $\text{M}\Lambda$ above, $\overline{\text{M}}/\Delta\epsilon\text{C}$ to l., ΠO/TI to r. $\overline{\text{IC}} - \overline{\text{XC}}$ beside head of Christ. St. Michael, beardless and nimbate, presenting kneeling emperor to Christ, who is seated on low throne and holds Gospel. Emp. wears stemma, div., c-p and loros of simpl. type. *PCPC* 61.2; Sear - ; *DOC V*, Class III-b, -

Siglon: 49

578 30 mm / 4.24 g / 6 o'clock

Obv.: $\overline{\text{H}} - \overline{\text{V}\Theta}$

Rev.: $\overline{\text{I}} - \overline{\text{XC}}$ $\Delta/\dots/\Delta$ to l., ΠO/T to r.

Ref.: *PCPC* 61.2 (*this coin*); Bendall 1987a, pp. 40-1, no. 12 (*this coin*).

Prov.: Bendall colln.



Stamenon, AE

Obv.: $\overline{\text{HP}} - \overline{\text{V}\Theta}$ in field. Half-length figure of Virgin nimbate, orans.

Rev.: $\text{X}\text{M}\Delta\text{Π} - \text{O}\text{A}\Gamma$... Half-length figure of emperor on l., and of uncertain saint, nimbate; between them patriarchal cross. Emp. wears stemma, div., c-p, and panelled loros of simpl. type; r. hand sc. Above star in cloud.

Bendall – Donald 1974, p. 39, UT.1; *PCPC* 62 (but Virgin on rev.); Sear 2310; *DOC V*, Class I, pl. 8, 131-2

579 27 mm / 1.24 g / 6 o'clock

Obv.: $\overline{\text{HP}} - \overline{\text{V}\Theta}$

Rev.: $\text{X}\Delta\text{O} - \text{A}$

Ref.: *PCPC* 62.1 (*this coin*); Veglery – Millas 1977, pp. 94-5, no. 2.

Prov.: Bendall colln., Lamia July 1971, found near Melitea



Obv.: $\text{O}\Delta\Delta\text{H}\text{M}\text{H}\text{F}\text{I}\text{O}$ in two columnar groups. St. Demetrius, beardless and nimbate, seated upon throne without back, wearing tunic, breastplate and sagion; holds sword across knees.

Rev.: $\text{M}\text{I}\text{X}\text{A}\text{H}\Lambda - \Delta\epsilon\text{C}\text{Π}\text{O}\text{T}\text{I}\text{C}$ O $\text{Π}\dots$, or var. $\overline{\text{IC}} - \overline{\text{XC}}$ in upper and r. field. Half-length figure of emperor on l., crowned by Christ, bearded and nimbate. Emp. wears stemma, div., c-p and loros of simpl. type; r. hand labarum-headed sc.; l. hand anexikakia. Christ holds Gospel in l. hand.

Bendall – Donald 1974, p. 23, T.1; *PCPC* 63; Sear 2294; *DOC V*, Class II, pl. 8, 133-5

580 26 mm / 2.67 g / 6 o'clock

Obv.: $\text{O}/\text{A}/\Delta\text{H}$ to l., $\text{M}/\text{T}/\text{I}$ to r.

Rev.: ΛA on l.

Ref.: *PCPC* 63.1 (*this coin*).

Prov.: Bendall colln., from Dumbarton Oaks (by exchange), ex Bertelè colln.



581 26 mm / 1.44 g / 6 o'clock

Obv.: Γ/M to l., P/O to r.

Rev.: $\overline{\text{XC}} - \text{M}\text{X}\Delta\epsilon\text{C}\text{Π}\text{O}\text{T}\text{I}\text{C}$

Prov.: Bendall colln., ex H.J. Berk Aug. 1988



Obv.: $\Gamma\text{O}\Delta\Delta\text{H}\text{M}\text{H}\text{F}\text{I}\text{O}\text{C}$ in two columnar groups. St. Demetrius, beardless and nimbate, seated upon throne without back, wearing tunic, breastplate and sagion; holds sword across knees.

Rev.: $\text{Π}\Lambda\text{L}\text{O}\Lambda\text{Γ}\text{O}$ to l., O above, XM to bottom r. Full-length figure of emperor on l., crowned by St. Michael, beardless and nimbate. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.

Bendall – Donald 1974, p. 23, T.2; *PCPC* 64; Sear 2295; *DOC V*, Class III, pls. 8-9, 136-43

582 24 mm / 2.34 g / 6 o'clock

Obv.: $\Gamma/\text{O}/\text{A}/\text{H}$ to l., $\text{M}/\text{P}\text{O}$ to r.

Rev.: X to r.

Ref.: *PCPC* 64.1 (*this coin*).

Prov.: Bendall colln., ex H. Weller



583 27 mm / 3.74 g / 6 o'clock

Rev.: H/X to r.

Ref.: *PCPC* 64.2 (*this coin*).

Prov.: Bendall colln.



Obv.: ΓΟΑΔΙΗΦΙΟC in two columnar groups. Bust of St. Demetrius, beardless and nimbate wearing tunic, breastplate and sagion; r. hand sword resting over shoulder; l. hand shield.

Rev.: Full-length figure of emperor on l., and of St. Michael, beardless and nimbate; between them sword point downward. Emp. wears stemma, div., c-p and loros of simpl. type; r. hand on breast. *Manus Dei* in centre above.

Bendall – Donald 1974, p. 23, T.3; *PCPC* 65; Sear 2296; *DOC* V, Class IV, pl. 9, 144-6

- 584 26 mm / 2.73 g / 6 o'clock
Obv.: Α/ΔΙ to l., ΗΗ/ΦΙ/Ο/С to r.
Ref.: *PCPC* 65.1 (*this coin*); Sear 2296 (*this coin*).
Prov.: Bendall colln.



- 585 24 mm / 2.17 g / 6 o'clock
Obv.: ΗΗ/ΦΙ/Ο to r.
Ref.: *PCPC* 65.3 (*this coin*).
Prov.: Bendall colln., from Mellon colln.



Obv.: Χ/Μ in upper l. field. Full-length figure of St. Michael, beardless and nimbate, with wings spread, wearing tunic, breastplate and sagion; r. hand spear; l. hand shield.

Rev.: Μ/Χ/ΔΕC/Π to l., ΟΑΓ/ΔΗΜ/Η/ΦΙ/Ο/С to r., or var. Half-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them large cross within circle on long shaft. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr. Saint wears tunic, breastplate and sagion; l. hand spear.

Bendall – Donald 1974, p. 25, T.4; *PCPC* 66; Sear 2297; *DOC* V, Class V, pl. 9, 147-50

- 586 27 mm / 2.82 g / 6 o'clock
Obv.: Μ on l.
Rev.: ΔC/TC – Ο/ΑΓ/ΔΙΗ
Prov.: Bendall colln., from Numismatic Fine Arts 1987



- 587 27 mm / 2.64 g / 6 o'clock
Obv.: Χ/Μ on r.
Rev.: Δ/Π/Τ – ΟΔΜ...ΟC
Ref.: *PCPC* 66.1 (*this coin*); Sear 2297 (*this coin*).
Prov.: Bendall colln., from Lord Grantley colln.



Obv.: Eight-petalled flower.

Rev.: ΔΕ – CΠΟΤΙΙ. Μ ΘV to r. of Virgin. Half-length figure of emperor on l., and of Virgin, nimbate; between them large patriarchal cross. Emp. wears stemma, div., c-p, and loros of simpl. type. Two eight-pointed stars in upper field.

Bendall – Donald 1974, p. 39, UT.2; *PCPC* 68; Sear 2311; *DOC* V, Class VII, pl. 9, 152-4

- 588 27 mm / 2.55 g / 6 o'clock
Rev.: ΘV ΔΕ – CΠΟΤΙΙ Two six-pointed stars in upper field.
Prov.: Bendall colln.



Obv.: Large patriarchal cross on base, star in upper and lily in lower quarters.

Rev.: ΜΙΧΑΗΛ ΔΕCΠ ΔΗΜ Full-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them model of the city of Thessalonica with two towers surmounted by large lily. Emp. wears stemma, div., c-p, and jewel. loros of simpl. type; r. hand labarum-headed sc. Saint wears tunic, breastplate and sagion; l. hand spear resting over l. shoulder.

Bendall – Donald 1974, p. 25, T.6; *PCPC* 69; Sear 2299; *DOC* V, Class VIII, pl. 10, 155-8

- 589 25 mm / 2.77 g / 12 o'clock
Rev.: ΔΠ above, Ο to r.
Ref.: *PCPC* 69.1 (*this coin*).
Prov.: Bendall colln., from Dumbarton Oaks (by exchange), Bertelè 4413



Obv.: ΓΟΑΔΙΗΦΙΟC in two columnar groups. Full-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand rests on shield.

Rev.: ΟΠΑΛΕΟΛΓ columnar to r. Full-length figure of emperor seated half l. upon throne without back, wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand sc. cr.; l. hand anexikakia.

Bendall – Donald 1974, p. 39, UT.3; *PCPC* 72; Sear 2312; *DOC* V, Class XI, pl. 10, 162-4

- 590 22 mm / 1.10 g / 6 o'clock
Obv.: Γ/ΟΑ/ΔΙ to l., ΜΗ/ΦΙ/Ο/С to r.
Rev.: CΠΑ/Α/Ε to r. Star in r. field.
Ref.: *PCPC* 72.1 (*this coin*); Sear 2312 (*this coin*).
Prov.: Bendall colln., from I.T. Roper colln.



Obv.: ΓΟΑΓΕΟΡΓΙΟΣ in two columnar groups. Half-length figure of St. George, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear resting over l. shoulder; l. hand shield.

Rev.: ΧΜΙ/ΔΕ/С to l., ΠΟ/ΤΙ/ΟΠΑ/ΛΕ/ΟΛ/ΟΓ/ΟС to r. Emperor seated upon throne with back, wearing stemma, div., c-p and jewel. loros of simplified type; r. hand labarum-headed sc.; l. hand anexikakia.

Bendall – Donald 1974, p. 13, C.17; *PCPC* 75 (but as St. Demetrius on obv.); Sear 2302; *DOC* V, Class XII, pl. 10, 165-8

591 26 mm / 2.16 g / 6 o'clock

Obv.: Γ/ΓΓΙ/ΓΙ/ΓΙ to l.

Rev.: TIC/Ο/ΠΑ/Ε/ΟΛ to r.

Prov.: Bendall colln.



Obv.: ΓΟΑΔΗΜΗΦΙΟС in two columnar groups. Half-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; holds before him a small cross.

Rev.: ΜΙΧΑΗΛΔΕСΠΟ Three-quarter-length figure of emperor wearing stemma, div., panelled loros of simpl. type and sagion; r. hand labarum on long shaft; l. hand globus surmounted by patriarchal cross. Six-pointed star in l. lower field.

Bendall – Donald 1974, p. 29, T.10; *PCPC* 76; Sear 2303; *DOC* V, Class XIII, pl. 11, 169-70

592 25 mm / 2.86 g / 6 o'clock

Obv.: Γ/ΟΑ/ΔΗ/Μ to l.

Rev.: ΜVΧΛ on l.

Ref.: *PCPC* 76.1 (this coin).

Prov.: Bendall colln.



593 27 mm / 3.45 g / 6 o'clock

Obv.: Γ/ΟΑ/ΔΗ/Η to l., Φ/С to r.

Rev.: ЄСΠ – TIC Six-pointed star in l. and r. lower field.

Prov.: Bendall colln.



Obv.: ΓΟΑΔΗΜΗΦΙΟС in two columnar groups. Half-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate, and sagion; r. hand small cross before chest.

Rev.: Μ X or ΧΜ beside head. Full-length figure of winged emperor wearing stemma, div. panelled loros of simpl. type and sagion; r. hand labarum on long shaft; l. hand gl. cr.

Bendall – Donald 1974, p. 31, T.12; *PCPC* 78; Sear 2305; *DOC* V, Class XIV, pl. 11, 171-3

594 27.5 mm / 2.41 g / 6 o'clock

Obv.: Γ/ΟΑ/ΔΗ/Μ to l., Φ/Ι/Ο/С to r.

Ref.: *PCPC* 78.1 (this coin); Sear 2305 (this coin).

Prov.: Bendall colln., from Dumbarton Oaks (by exchange)



Obv.: ΓΟΑΔΗΜΗΦΙΟС in two columnar groups. St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion, seated upon throne without back; holds sword across knees.

Rev.: ΜΙ/Ο/ΠΑΛ/Ε/Ο to l., ΔΕС/ΠΟ to r. Three-quarter-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand large patriarchal cross; l. hand anexikakia.

Bendall – Donald 1974, p. 29, T.11; *PCPC* 77; Sear 2304; *DOC* V, Class XV, pl. 11, 174-5

595 28.5 mm / 3.18 g / 6 o'clock

Obv.: Γ/Ο/ΛΛ to l., ΜΗ/ΦΙΟ to r.

Ref.: *PCPC* 77.1 (this coin); Sear 2304 (this coin).

Prov.: Bendall colln., from D. Winfield colln., acquired in Skopje



Obv.: Ο/Α/Γ to l., ΔΗ/ΜΗ/ΦΙ/Ο to r. Full-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand rests on shield.

Rev.: ΧΜ/Δ/Ε/С to l., Π/Α/Λ/С/Ο to r. Three-quarter-length figure of emperor wearing stemma, div., c-p and loros of simpl. type; r. hand sc. cr.; l. hand large lily.

Bendall – Donald 1974, p. 31, T.13; *PCPC* 79; Sear 2306; *DOC* V, Class XVI, pl. 11, 176-9

596 24 mm / 1.82 g

Obv.: Brocage of the reverse.

Rev.: Π/Α/Λ/С/Ο to r.

Ref.: *PCPC* 79.1 (this coin).

Prov.: Bendall colln., from Lord Grantley colln.



Obv.: ΓΟΑΔΗΜΗΦΙΟС in two columnar groups. Full-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand rests on shield.

Rev.: ΜΙΧΑΝΛ ΔΕСΠΟΤΙС Ο ΠΑΛ Half-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand large lily; l. hand labarum on long shaft.

Bendall – Donald 1974, p. 31, T.14; *PCPC* 80; Sear 2307; *DOC* V, Class XVII, pl. 11, 180-1

- 597 28 mm / 2.16 g / 6 o'clock
Obv.: A/O to l. Six-pointed star in l. lower field.
Rev.: MIXA on l.
Ref.: PCPC 80.1 (*this coin*).
Prov.: Bendall colln., from O'Hara colln., ex Sternberg auction 16/11/1978, lot 987



Obv.: Large lily.
Rev.: $\bar{X}/M/\Delta/\epsilon/C/\Pi/T$ to l., $O/\Pi A/O/\Lambda/T/O/S$ to r. Three-quarter-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand large long cross; l. hand anexikakia. Lily in l. field.
 Bendall – Donald 1974, p. 33, T.16; PCPC 84; Sear 2309; DOC V, Class XX, pl. 12, 186-90

- 598 28 mm / 2.05 g / 6 o'clock
Ref.: PCPC 84.1 (*this coin*); Sear 2309 (*this coin*).
Prov.: Bendall colln., from Mellon colln.



- 599 26 mm / 1.68 g / 6 o'clock
Rev.: ϵ on l.
Ref.: PCPC 84.2 (*this coin*).
Prov.: Bendall colln., found near Katerini, 1978



- 600 26 mm / 3.31 g / 6 o'clock
Ref.: PCPC 84.3 (*this coin*).
Prov.: Bendall colln.



Obv.: Bust of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand shield.
Rev.: Full-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; large patriarchal cross in either hand.
 Bendall – Donald 1974, p. 41, UT.5; PCPC 82; Sear 2315; DOC V, Class XXII, - (see p. 123 table 9B, 59)

- 601 21 mm / 1.04 g (broken)
Obv.: Totally worn.
Ref.: PCPC 82.1 (*this coin*).
Prov.: Bendall colln., ex H. Weller



Uncertain
Obv.: No type.
Rev.: Emperor seated upon throne without back wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand gl. cr.; l. hand sc.
 PCPC - ; Sear - ; DOC V -

- 602 22 mm / 1.72 g
Obv.: Totally worn.
Rev.: M/O/A to l.
Ref.: Bendall 2001, p. 265, no. 142, pl. 49, no. 141 (*this coin*).
Prov.: Bendall, from Thessalonica (VII) hoard



Philadelphia

Hyperpyron, AV

Obv.: $\bar{M}P \bar{O}V$ in upper field. Half-length figure of Virgin nimbate, orans within walls of Constantinople furnished with six towers.
Rev.: $M\Lambda$ above, $\bar{M}/\Delta/\epsilon C$ to l., $\Pi/O/TI$ to r. $\bar{I}C \bar{X}C$ beside head of Christ. St. Michael, beardless and nimbate, presenting kneeling emperor to Christ, who is seated on low throne and holds Gospel. Emp. wears stemma, div., c-p and jewel. loros of simpl. type.
 PCPC 57; Sear - ; DOC V, Class III-b, table 5, p. 111, sigla 80-7

- Siglon: 80
 603 24 mm / 4.16 g / 6 o'clock
Obv.: \bar{H}
Rev.: $\bar{I}C - \bar{X} \Pi/\Pi/T$ to r.
Ref.: PCPC 57.1 (*this coin*); Bendall 1984a, pp. 3-8, no. 4d (*this coin*).
Prov.: Bendall colln.



- Siglon: 83
 604 25 mm / 4.22 g / 6 o'clock
Obv.: $\bar{H} - \bar{O}$
Rev.: $\bar{X} \Pi/C$ to r.
Ref.: DOC V, pl. 2, 17; PCPC 57.2 (*this coin*); Bendall 1984a, pp. 3-8, no. 6a (*this coin*).
Prov.: Bendall colln.



- 605 24 mm / 4.23 g / 6 o'clock
Obv.: \bar{H}
Rev.: $\bar{I}C - \bar{X}C X/\dots C/\dots/O$ to l.
Ref.: DOC V, pl. 2, 17; Bendall 1984a, pp. 3-8, no. 6e (*this coin*).
Prov.: Bendall colln.



Siglon: 84

- 606 25 mm / 4.17 g / 6 o'clock
Rev.: $\overline{\text{IC}}$ - $\overline{\text{XC}}$ X/...C/...O to l., $\overline{\text{AC}}$ to r.
Ref.: Bendall 1984a, pp. 3-8, no. 7a (this coin).
Prov.: Bendall colln.



Stamenon, AE

Obv.: Voided cross with decorated ends, small diagonal cross at intersection. a) $\Phi\Lambda/\Delta\Phi/\Pi/\epsilon$ or b) $\Phi/\Lambda/\Lambda/\Phi$ in quarters.

Rev.: $\overline{\text{X}}/\overline{\text{M}}/\overline{\text{DE}}/\overline{\text{C}}/\overline{\text{PO}}/\overline{\text{TH}}/\overline{\text{C}}$ to l., $\overline{\text{PI}}/\overline{\text{A}}/\overline{\text{A}}$ to r., or var. Full-length figure of emperor wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand labarum-headed sc.; l. hand globus surmounted by patriarchal cross.

Bendall - Donald 1974, p. 19, C.26; *PCPC* 60; Sear 2286; V, Var. a, pl. 12, 193§

- 607 21 mm / 1.83 g / 6 o'clock
Obv.: Δ/ϵ to r.
Rev.: $\overline{\text{X}}/\overline{\text{CC}}/\overline{\text{O}}/\overline{\text{TH}}$ to l., $\overline{\text{PI}}/\overline{\text{A}}/\overline{\text{A}}$ to r.
Ref.: *PCPC* 60.1 (this coin).
Prov.: Bendall colln.



- 608 21 mm / 1.94 g / 6 o'clock
Obv.: $\Phi/\Delta/\Pi/\epsilon$
Rev.: $\overline{\text{X}}/\overline{\text{M}}/\overline{\text{DE}}/\overline{\text{C}}/\overline{\text{PO}}/\overline{\text{TH}}/\overline{\text{C}}$ to l.
Ref.: *PCPC* 60.2 (this coin); Bendall 1984a, pp. 3-8, no. 1b (this coin).
Prov.: Bendall colln.



Bendall - Donald 1974, p. 19, C.27; *PCPC* 59; Sear 2287; *DOC* V, Var. b, pl. 12, 193a

- 609 24 mm / 2.65 g / 6 o'clock
Obv.: .../A/ Φ
Rev.: $\overline{\text{X}}/\overline{\text{M}}/\overline{\text{DE}}/\overline{\text{C}}/\overline{\text{PI}}$ to l.
Ref.: *PCPC* 59.1 (this coin).
Prov.: Bendall colln.



- 610 23 mm / 2.17 g / 6 o'clock
Obv.: $\Phi/\dots/\text{A}/\Phi$
Rev.: $\overline{\text{DC}}/\overline{\text{PI}}/\overline{\text{T}}$ to l., $\overline{\text{X}}/\overline{\text{M}}$ to r.
Ref.: *PCPC* 59.2 (this coin); Bendall 1984a, pp. 3-8, no. 2a (this coin).
Prov.: Bendall colln., ex H. Weller



Cherson (?)

Cast Trachy, AE

Obv.: $\overline{\text{HP}}$ - $\overline{\text{OV}}$ in upper field. Full-length figure of Virgin nimbate, orans. Cross on breast.

Rev.: $\overline{\text{TI}}$ - $\overline{\text{MIT}}$ Full-length bearded figure of emperor on l., and of figure in military dress. Between them cross on long shaft (military figure's hand above the hand of the emperor). Emp. wears stemma, div., jewel. loros and sagion; r. hand cross on long shaft. Military figure holds in l. hand sword point downward.

Ratto 1930, p. 116, pl. 55, no. 2222; *PCPC* - ; Sear - ; *DOC* V - (see p. 125)

- 611 31 mm / 6.07 g / 12 o'clock

Obv.: $\overline{\text{HP}}$ - $\overline{\text{OV}}$

Rev.: $\overline{\text{TI}}$ - $\overline{\text{MIT}}$

Prov.: Old Ashmolean colln., from F. Douce



- 612 30 mm / 4.80 g (pierced) / 12 o'clock

Obv.: $\overline{\text{HP}}$ - $\overline{\text{OV}}$

Rev.: $\overline{\text{TI}}$ - $\overline{\text{MIT}}$

Prov.: Old Ashmolean colln., from Sabin galleries 1960



Michael VIII - Andronicus II (1272-1282)

Constantinople

Stamenon, AE

Obv.: $\overline{\text{Gamma}}/\overline{\text{Theta}}/\overline{\text{NI}}/\overline{\text{KO}}$ to l., $\overline{\text{NI}}/\overline{\text{KO}}/\overline{\text{Lambda}}/\overline{\text{Sigma}}$ to r. Full-length figure of St. Nicholas, bearded and nimbate, wearing sticharion, felonion and omophorion; r. hand held in benediction before body; l. hand Gospel. $\overline{\text{H}}$ and $\overline{\Delta}$ in lower field.

Rev.: $\overline{\text{A}}/\overline{\text{N}}/\overline{\text{Delta}}/\overline{\text{PO}}/\overline{\text{NI}}/\overline{\text{KS}}$ to l., $\overline{\text{X}}/\overline{\text{M}}/\overline{\text{DE}}/\overline{\text{C}}/\overline{\text{PO}}/\overline{\text{TS}}$ to r. $\overline{\text{IC}}$ - $\overline{\text{XC}}$ beside head of Christ. Full-length figure of Andronicus II, beardless on l., and of Michael VIII bearded, blessed by bust of Christ, bearded and nimbate, above in the centre field; between them long patriarchal cross on a forked base (Michael's hand superior). Andronicus wears stemma, div., c-p and jewel. loros of simpl. type; r. hand trilobate sc. Michael similarly dressed; l. hand trilobate sc.

PCPC 55; Sear 2318; *DOC* V, Class I, pl. 12, 197-9: 1272 - 1282

613 23 mm / 2.27 g / 6 o'clock
Obv.: Γ/Θ/ΝΙ/Ο to l., Λ/.../ΟΣ (Η and Α in lower field.)
Rev.: ΙC – ΧC ΑΚ to l., ΧΗ/ΔΕ/ΣΠ/ΟΤ/Η to r.
Ref.: *PCPC* 55.2 (*this coin*); Weller 1969, pl. 12, no. 15 (*this coin*).
Prov.: Bendall colln., from Greek collector, from Bergama (II) hoard



614 24 mm / 1.88 g / 6 o'clock
Obv.: Γ/Θ/ΝΙ/ΚΟ to l., ΝΙ/ΚΟ to r. (Η lower in l. field.)
Rev.: ΙC – Χ Δ/ΡΟ/Ν/Κ to l.
Ref.: *PCPC* 55.1 (*this coin*); Weller 1969, pl. 12, no. 14 (*this coin*).
Prov.: Bendall colln., from Bergama (II) hoard



615 24 mm / 2.33 g / 6 o'clock
Obv.: Θ/ΝΙ/ΚΟ to l., Ο to r. (Μ and Α in lower field.)
Rev.: ΙC – ΧC Δ/Ρ to l.
Ref.: *PCPC* 55.3 (*this coin*).
Prov.: Bendall colln., from I.T. Roper colln.



616 25 mm / 1.57 g / 6 o'clock
Obv.: ΝΙ/ΚΟ to l. (Α in lower r. field.)
Rev.: ΙC – ΧC Δ to r.
Ref.: Weller 1969, pl. 12, no. 17 (*this coin*).
Prov.: Old Ashmolean colln., ex H. Weller 24/10/1972, from Bergama (II) hoard



617 24 mm / 1.84 g / 6 o'clock
Obv.: ΓΙ/Θ/ΝΙ/ΟΛ to l., ΟC/Κ to r. (Η in lower l. field.)
Rev.: ΙC – ΧC
Prov.: Old Ashmolean colln., ex C.H. Subak May 1974



Obv.: Η Θ in field. Full-length figure of Virgin nimbate, orans.
Rev.: Η/ΔΕ/ΣΠ/ΟΤ to l., Ο/Π/Α/Λ/Σ to r. Full-length figure of Michael VIII, bearded on l., and of Andronicus II, beardless; between them labarum on long shaft, at the end of which a globe; Michael wears stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr. Andronicus similarly dressed; l. hand sc. cr.
LPC 76.18 (as Andronicus II-Michael IX); *PCPC* 56; Sear 2320; *DOC* V, Class III, pl. 13, 203-5: 1272 - 1282

618 24.5 mm / 1.49 g / 6 o'clock
Rev.: ΧΜ/Δ/Π/Τ to l.
Ref.: *PCPC* 56.1 (*this coin*); Sear 2320 (*this coin*).
Prov.: Bendall colln., from I.T. Roper colln.



619 22 mm / 2.29 g / 6 o'clock
Rev.: Χ to l.
Ref.: *PCPC* 56.2 (*this coin*).
Prov.: Bendall colln., from I.T. Roper colln.



620 23 mm / 2.70 g / 6 o'clock
Obv.: ΘV
Rev.: Χ to l.
Ref.: *PCPC* 56.3 (*this coin*).
Prov.: Bendall colln., from I.T. Roper colln.



Thessalonica

Stamenon, AE

Obv.: Γ/Λ to l., ΦΙ to r. Half-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear resting on l. shoulder; l. hand shield.
Rev.: Α/Ν/Δ/Ρ to l., ΧΜ to r. Half-length figure of Andronicus II, beardless on l., and of Michael VIII, bearded; between them sword point downward (Michael's hand superior). Andronicus wears stemma, div., c-p and panelled (?) loros of simpl. type; r. hand labarum-headed sc.; Michael similarly dressed; l. hand labarum-headed sc. Above, the head and shoulders of St. Michael, nimbate and with wings spread, supporting the two emperors.
PCPC 87; Sear 2322; *DOC* V, Class I, pl. 13, 212-5 (but as St. Theodore on obv.): 1272 - 1282

621 26 mm / 1.54 g / 6 o'clock
Obv.: Γ/Λ to l., ΦΙ to r.
Rev.: Α/Ν/Δ to l.
Ref.: *PCPC* 87.1 (*this coin*); Sear 2322 (*this coin*).
Prov.: Bendall colln., from Dumbarton Oaks (by exchange), ex Bertelè colln.



Obv.: Ο/ΑΓ/ΔΙ – ΜΙΦΙΟC (?) Half-length figure of St. Demetrius, beardless and nimbate; r hand sword resting over shoulder; l. hand shield with star in the centre.

Rev.: ΑΝΔΡΟΝΙΚΟC – ΜΧ – ΑΗΛΔΕCΠ Full-length figure of Andronicus II, bearded on crowned by Michael VIII, bearded. Both emperors wear stemma, div., c-p and jewel. loros simpl. type. Andronicus holds in r. hand sc. cr., and in l. gl. cr.

PCPC 90; *Sear* 2325; *DOC* V, Class II, pl. 13, 216-8: 1272 - 1282

- 622** 27 mm / 1.76 g / 6 o'clock
Obv.: C to r.
Rev.: ΝΙΚ – ΜΙΧ
Ref.: *PCPC* 90.1 (this coin).
Prov.: Bendall colln., from Ratto auction lot 2234



- 623** 26 mm / 1.19 g (broken) / 6 o'clock
Obv.: Α/ΓΙ to l.
Rev.: ΜΙ above
Prov.: Bendall colln., ex Bertelè colln.



Andronicus II alone (1282 - 1294, 1320 - 1325)

Constantinople

Hyperpyron, AV

Obv.: ΜΡ – ΘV in upper field. Half-length figure of Virgin nimbate, orans within the walls Constantinople with six towers.

Rev.: ΑΝΔΡΟΝΙΚΟCΕΝ/ΧΘΔΕ/ΠΟΤΗ/ΟΠ/Λ or var. to l. IC XC in r. field. Full-length figure of Christ, bearded and nimbate, on r., holding Gospel in l. hand; places r. hand on the head of the nimbate emperor crouching in proskynesis to l. Emp. wears stemma, div., c-p and loros. *LPC* 34.1; *PCPC* 91B; *Sear* - ; *DOC* V, Class I-a, pl. 14, 220-28: 1282 - c. 1290

- 624** Siglon: 5
 25 mm / 3.99 g / 6 o'clock
Rev.: ΑΝΔΡΟΝΙΚΟCΕΝ/ΧΘΔΕ/ΠΟΤΗ/ΟΠ/Λ to l., IC XC to r.
Prov.: Bendall colln.



- 625** Siglon: 18
 27 mm / 3.69 g / 6 o'clock
Obv.: ΜΡ – ΘV
Rev.: ΑΝΔΡΟΝΙΚ.../ΝΧΘΔΕC/ΠΟΤΙC/ΟΠΑΛ/ΛΙΟ to l., IC XC to r.
Prov.: Bendall colln.



Siglon: 27

- 626** 24 mm / 4.06 g / 6 o'clock
Rev.: ΑΝΔΡΟΝΙΚΟCΔC/ΠΟΤΗCΠ/Λ.../ΛΟΓ/Ο/С to l.
Prov.: Bendall colln.



Siglon: 29

- 627** 24 mm / 4.10 g / 6 o'clock
Obv.: ΜΡ
Rev.: +/ΑΝΔΡΟΝΙΚΟCΕΝ/ΧΩΤ.../ΟΠΦΟΟ/ΒΔΗΛΕ/ΝΚΟΟ/С to l.
Prov.: Bendall colln.



Siglon: 30

- 628** 24 mm / 4.11 g / 6 o'clock
Rev.: +/ΑΝΔΡΟΝΙΚΟCΕ/...ΧΩ.../ΟΠΦΟ/...ΔΗΛΕ/С/ΝΚΟΟ/С to l., IC to r.
Prov.: Bendall colln.



Siglon: 31

- 629** 25 mm / 4.11 g / 6 o'clock
Rev.: ΑΝΔΡΟΝΙΚΟCΕ/ΝΧΩΤ/ΟΠΦΟΟ/ΗΛΕ/С to l., IC/XC to r.
Ref.: Bendall 1982a, pl. 16, no. 79 (this coin).
Prov.: Bendall colln., from Istanbul (VII) hoard



Siglon: 41/42

- 630** 27 mm / 3.91 g / 6 o'clock
Rev.: +/...ΝΔΡΟΝΙΚΟCΕΝ/ΧΩΤΟΠ/ΠΑΝΟ/ΝΦ/ΙΕ to l., Δ/Π/С/Λ IC/XC to r.
Prov.: Bendall colln.



Siglon: 57 var.

- 631** 23 mm / 4.01 g / 6 o'clock
Rev.: +/ΑΙΔΡΙΝΙΚΟCΕΝ/ΝΧΩΔΕC/ΠΟΤΙC/ΟΠΑΛ/Γ to l., IC/XC to r.
Prov.: Bendall colln.



New Siglon: (variant of 57-58-59)

- 632** 28 mm / 4.07 g / 6 o'clock
Obv.: Η ΓΗ Η
Rev.: ΑΝΔΡΟΝΙΚΟCΕΝ/ΧΘΔΕ/ΠΟΤΗ/ΟΠ/Λ to l., IC/XC to r.
Prov.: Bendall colln.



- Siglon: 75
633 25 mm / 4.14 g / 6 o'clock
Rev.: +/...ΡΟ/ΝΙΚΟΣΕΙ/ΧΩΤΟ/...Π/ΣΤΟΣΟ
 to l., Γ to r.
Prov.: Bendall colln.



- Siglon: obscure, A in lower l. field
634 23 mm / 3.89 g (pierced) / 6 o'clock
Rev.: ΑΝΔ/ΡΟΝΚ.../ΝΧΩΤ.../ΕΣΝΓΟ.../...ΙΤ
 to l., ΙC/ΧC to r.
Ref.: DOC V, pl. 14, 228?
Prov.: Old Ashmolean colln., from C.M.
 Kraay May 1965, bought in Kavala



Obv.: ΜΡ – ΘV in upper field. Half-length figure of Virgin nimbate, orans within the walls Constantinople with six towers.
Rev.: ΑΝΔΡ/ΟΝΙΚΟΣ/ΔΕΣΙC/ΟΠΛΕ or var. to l. ΙC ΧC in r. field. Full-length figure of Christ bearded and nimbate, on r., holding Gospel in l. hand; places r. hand on the head of the emperor (without nimbus) crouching in proskynesis to l. Emp. wears stemma, div., c-p and loros.
LPC - ; PCPC 91A; Sear 2326; DOC V, Class I-b, pl.14, 229-34: c. 1290 - 1294

- Siglon: 83
635 26 mm / 3.93 g / 6 o'clock
Rev.: ΑΝΔ/ΝΙΚΟ/...ΔΕC/Γ to l., ΙC/ΧC to r.
Ref.: DOC V, pl. 14, 233-4.
Prov.: Bendall colln.



- Siglon: 89
636 24 mm / 4.19 g / 6 o'clock
Rev.: ΑΝΔΡ/ΟΝΙΚΟΣ/ΔΕCΙC/ΟΠΛΕ to l.,
 ΙC/ΧC to r.
Ref.: DOC V, pl. 14, 229-32.
Prov.: Bendall colln.



Tornese, Billon

- Obv.:** ΑΝΔΡΟΝΙΚ – ΟCΕΝΧΟΔ (or var.) Full-length figure of emperor wearing stemma, div. and chlamys; r. hand sc. cr.; l. hand anexikakia. *Manus Dei* in upper r. field.
Rev.: +ΚΟΜΗΝΗΝΟΣΟΠΑΛΛΑΙΟΛΟΓ Cross pattée.
LPC 36.4; PCPC 94A; Sear 2327; DOC V, Class II, pl. 33, 551-7

- 637** 17 mm / 0.76 g / 6 o'clock
Obv.: ΑΝΛ...Ο – ΝΙΚΟΚΟΣ
Rev.: +ΚΟΗΝΟΣΟΠ...ΙΟΛΟΓΟΣ
Ref.: PCPC 94A.1 (this coin).
Prov.: Bendall colln., ex H. Weller summer 1974



- 638** 18 mm / 0.89 g / 6 o'clock
Obv.: ΚΟCΕΝ on l.
Rev.: ΚΟΗΝ...ΛΑΙΟΛΟΓΟΣ Pellets in quarters of cross pattée.
Ref.: PCPC 94A.2 (this coin).
Prov.: Bendall colln., from I.T. Roper colln.



- 639** 18 mm / 0.68 g / 6 o'clock
Obv.: ΝΙΚΟΣΕΙ on l.
Rev.: +ΚΟΗ...CΟΠΑΛΛΑΙΟΛΟΓΟΣ
Ref.: PCPC 94A.3 (this coin).
Prov.: Bendall colln.



Obv.: ΑΝΔΡΟΝΙΚ – ΟCΕΝΧΟΔ (or var.) Full-length figure of emperor wearing stemma, div. and chlamys; r. hand sc. cr.; l. hand anexikakia. *Manus Dei* in upper r. field. Β 8 on emperor's cloak.
Rev.: +ΚΟΜΗΝΗΝΟΣΟΠΑΛΛΑΙΟΛΟΓ Cross pattée. Β at the intersection of the cross.
LPC 36.4 var.; PCPC 94B; Sear 2327 var.; DOC V, Class III, pl. 33, 558-9

- 640** 20 mm / 0.55 g / 12 o'clock
Obv.: Λ/Λ/Ν to l., Ι/Π/Λ/Λ/Π/Ι to r.
Rev.: ΚΟΜΗΝΟΣΟΠΑΛΛΕΟΛΟΓΟΣ
Ref.: PCPC 94B.4 (this coin).
Prov.: Bendall colln.



- 641** 17 mm / 0.63 g / 6 o'clock
Obv.: Α/Ν to l. Β on emperor's cloak.
Rev.: ΜΗΝΟΣΟΠ on l.
Ref.: PCPC 94B.5 (this coin).
Prov.: Bendall colln., ex H. Weller summer 1975



- 642 19 mm / 0.56 g / 6 o'clock
Obv.: A/N/K to l. B on emperor's cloak.
Rev.: ΝΟΣΟΠΑΛΛΕΟΛΟΓΟΣ
Prov.: Old Ashmolean colln., from Baldwin,
 ex Lord Grantley auction 6/10/1944



Obv.: Three-quarter-length figure of Andronicus II on l., and of military saint, beardless and nimbate. Emp. wears stemma, div., c-p and panelled loros of simpl. type; l. hand anexikakia. Saint wears tunic, breastplate and sagion.
Rev.: +ΚΟΜΝΗΝΟΣΟΠΑΛΛΙΟΛΟΓ Cross pattée with attached pellets at cross intersection.
LPC 36.5; PCPC 95; Sear 2328; DOC V, Class IV, - (see p. 148, table 17, 4)

- 643 15 mm / 0.27 g (clipped) / 9 o'clock
Rev.: ΟΓΟΣ
Ref.: *PCPC 95.1 (this coin).*
Prov.: Bendall colln., ex H. Weller summer 1975



Stamenon, AE

Obv.: O/A • or var. to l., Φ/Ν/Ο/Ν to r. Half-length figure of St. Tryphon nimbate wearing tunic and kolobion and holding cross before him. Lily in lower l. and r. field.
Rev.: Μ̄Θ beside Virgin's head, AN/ΔΡ/Ν to l., ΔΕ/Σ/Π to r. ῙC̄ Χ̄C̄ in r. field. Virgin nimbate standing on l., presenting the emperor, crouching in proskynesis, to the standing nimbate Christ. Emp. wears stemma, div., c-p and loros.
LPC 38.8; PCPC 99; Sear 2332; DOC V, Class III, pl. 33, 562: 1282 or soon afterward

- 644 22 mm / 1.17 g / 6 o'clock
Obv.: Φ/Ν to r. Lily in lower r. field.
Rev.: Μ̄ to l., ΔΕ ῙC̄ Χ̄C̄ ΔΕ to r.
Ref.: *PCPC 99.1 (this coin).*
Prov.: Bendall colln.



- 645 22 mm / 1.93 g / 6 o'clock
Obv.: Θ to l., Φ/Ω/Ν to r.
Rev.: Μ̄Θ - Θ AN/...ΚC̄ to l., ῙC̄ Χ̄C̄ ΚΓ/Ρ to r.
Ref.: *PCPC 99.2 (this coin).*
Prov.: Bendall colln., from O'Hara colln.



Obv.: ῙC̄ Χ̄C̄ in field. Bust of Christ, beardless and nimbate; l. hand scroll.
Rev.: ΑΝΔ above. Half-length figure of Andronicus II on l., blessed by Virgin nimbate. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.
LPC - ; PCPC 100; Sear 2333; DOC V, Class IV, - (see p. 150, table 18A, 4)

- 646 25 mm / 3.06 g / 6 o'clock
Obv.: C̄ - Χ̄C̄
Rev.: ΑΝΔ above
Ref.: *PCPC 100.1 (this coin).*
Prov.: Bendall colln., from Mellon colln.



Obv.: Μ̄Π̄ Θ̄V̄ in upper field. Half-length figure of Virgin nimbate, orans within the walls of Constantinople with six towers.
Rev.: +ΑΝ/ΔΡΟΝ/ΚΟC̄/ΔΕCΠΟ/ΤΗCΟ/ΠΑΛ (or var.). ῙC̄ Χ̄C̄ in r. field. Full-length figure of Christ, bearded and nimbate, on r. holding Gospel in his l. hand, and laying his r. on the emperor crouching in proskynesis. Emp. wears stemma, div., c-p and loros.
LPC 40.9; PCPC 101; Sear 2334; DOC V, Class V, pl. 33, 563-6

- 647 25 mm / 2.46 g / 6 o'clock
Obv.: Μ̄Π̄
Rev.: ΑΝΑΡ/ΟΝΙΚΟC̄/ΕΧΩΔΕ/CΠΟΤΙC̄/ΠΑ to l., ῙC̄ Χ̄C̄ to r.
Ref.: *PCPC 101.2 (this coin).*
Prov.: Bendall colln.



Obv.: Γ/Α Χ/Μ Half-length figure of St. Michael, beardless and nimbate; r. hand trifurcate sc; l. hand globe.
Rev.: Α/Ν/Δ (?) to l., Ο/Π/Λ to r. ῙC̄ Χ̄C̄ in r. field. Full-length figure of emperor on l., crowned by Christ, bearded and nimbate. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.
LPC 42.12; PCPC 104; Sear 2337; DOC V, Class VIII, pl. 33, 568

- 648 23 mm / 1.32 g / 6 o'clock
Rev.: ΙC̄ - Χ̄C̄ ΔΡ/ΝΙ/ΚΙ to l.
Prov.: Bendall colln.



Obv.: Θ/Θ/Ε to l., Δ/Ω/Ρ/Σ to r. Half-length figure of St. Theodore, bearded and nimbate, wearing tunic, breastplate and sagion; r. hand sword resting over shoulder; l. hand resting on shield.
Rev.: ΑΝΔΡ above on l., ΧΗ on r. Full-length figure of Andronicus II on l., and of St. Michael, beardless and nimbate; between them labarum on long shaft. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr. Saint wears tunic, loros and sagion; l. hand trifurcate sc.
LPC 44.14; PCPC 106; Sear 2339; DOC V, Class XI, pl. 34, 571-2

- 649 24 mm / 1.86 g / 6 o'clock
Obv.: Ⓞ/Ⓞ/Ⓞ/Ⓞ to l., ΑΩ/ΡΟ/Σ to r.
Rev.: ΑΝΔ above on l., ΧΗ on r.
Ref.: *PCPC* 106.1 (*this coin*); Sear 2339 (*this coin*).
Prov.: Bendall colln., from I.T. Roper colln.



- 650 24 mm / 2.95 g / 6 o'clock
Obv.: Ⓞ/Ⓞ/Ⓞ to l., ΔΩ/ΡΟ/Σ to r.
Rev.: COΠ above on l., ΧΗ on r.
Ref.: *PCPC* 106.2 (*this coin*).
Prov.: Bendall colln.



Obv.: Γ/Ⓞ to l., ΓΕ/ΒΓ/Ι/Σ to r. Half-length figure of St. George, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand sword resting over shoulder; l. hand shield.
Rev.: ΑΝ above on r. Emperor seated upon throne without back, wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand trilobate sc.; l. hand gl. cr.
LPC 46.17 var; *PCPC* 109; Sear 2342; *DOC* V, Class XIV, pl. 34, 575-6

- 651 23 mm / 1.68 g / 6 o'clock
Obv.: Γ/Ⓞ to l., Β to r.
Rev.: ΑΝ above on r. Star in r. field, crescent in l. field.
Prov.: Bendall colln.



Obv.: Half-length figure of St. George, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand sword resting over shoulder; l. hand shield.
Rev.: Emperor seated upon throne without back, wearing stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.; l. hand gl. cr.
LPC 46.17; *PCPC* 109 var; Sear 2342; *DOC* V, Class XIV var., pl. 34, 575-6 var.

- 652 23 mm / 1.77 g / 6 o'clock
Rev.: Dots in r. and l. field.
Prov.: Bendall colln.



Obv.: ΗΡ ΘΥ in field. Virgin nimbate seated upon throne without back; holds beardless, nimbate head of Christ on breast.
Rev.: ΑΝ/Δ/Ν/Κ/Ο to l., Δ/.../Π to r. Full-length figure of emperor wearing stemma, div. and chlamys; r. hand sc. cr.; l. hand globus. *Manus Dei* in upper r. field.
LPC 48.19; *PCPC* 111; Sear 2344; *DOC* V, Class XVI, pl. 34, 578

- 653 27.5 mm / 3.05 g / 6 o'clock
Obv.: ΗΡ – ΘΥ
Rev.: ΑΝ/ΔΡ/ΙΙ/ΝΙ/Κ/Ι to l.
Ref.: *PCPC* 111.2 (*this coin*); Sear 2344 (*this coin*).
Prov.: Bendall colln.



- 654 26.5 mm / 2.29 g / 6 o'clock
Obv.: ΘΥ
Ref.: *PCPC* 111.1 (*this coin*).
Prov.: Bendall colln., from G. Zacos colln.



Obv.: Ο/Ρ/Λ to l., Δ/Ρ/Ν to r. Full-length figure of Virgin nimbate, orans with uncertain inscription in field.
Rev.: Α/Ν/Δ to l., Π/Α/Λ to r. Full-length figure of emperor with wing to l., wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand trilobate sc.; l. hand large patriarchal cross.
LPC 48.20; *PCPC* 112; Sear 2345; *DOC* V, Class XVII, - (see p. 151, table 18A, 17)

- 655 24 mm / 2.14 g / 6 o'clock
Obv.: Ο/Ρ/Λ to l., Δ/Ρ/Ν to r.
Rev.: Α/Ν to l., Α/Γ to r.
Prov.: Bendall colln.



Obv.: Γ/Ε/Β/Γ to r. Half-length figure of St. George, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear resting over shoulder; l. hand shield.
Rev.: Α/Ν/Δ/Ρ/Ν to l. Full-length figure of emperor wearing stemma, div. and chlamys (?); r. hand sc. cr.; l. hand gl. cr.
LPC - ; *PCPC* 116; Sear 2348A (but as St. Michael on obv.); *DOC* V, Class XXI, - (see p. 151, table 18A, 21)

- 656 22 mm / 1.94 g / 6 o'clock
Obv.: Γ/Ε/Β/Γ to r.
Rev.: Α/Ν/Δ/Ρ/Ν to l.
Ref.: *PCPC* 116.1 (*this coin*).
Prov.: Bendall colln.



Obv.: Seraph with two upper and four lower wings. Four pellets, one in each corner.
Rev.: Α/Ν/ΔΡ/ΟΝΙ/ΚΟCΙ/ΕΝ/Χ to l., Ο/Π/Α/Λ/Ε/Ο to r. Full-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.
LPC 54.27; PCPC 120; Sear 2352; DOC V, Class XXV, pl. 34, 588-9

657 23.5 mm / 1.83 g / 6 o'clock
Rev.: Α/Ν/Ο/С to l., Ο/Π/Α/Γ/С/Α to r.
Ref.: *PCPC 120.1 (this coin).*
Prov.: Bendall colln., from I.T. Roper colln.



658 23 mm / 1.68 g / 6 o'clock
Rev.: Ν/СΙ/Κ to l., ΟΠ to r.
Ref.: *PCPC 120.2 (this coin).*
Prov.: Bendall colln.



659 24 mm / 1.73 g / 6 o'clock
Ref.: *PCPC 120.3 (this coin).*
Prov.: Bendall colln.



Obv.: Lily in quatrefoil.
Rev.: Δ/Λ to l. Full-length figure of emperor wearing stemma, div. and chlamys; r. hand labarum-headed sc.; l. hand globus. *Manus Dei* in upper r. field.
LPC 56.32; PCPC 123; Sear 2355; DOC V, Class XXVIII, - (see p. 151, table 18A, 28)

660 25 mm / 2.30 g / 6 o'clock
Rev.: Δ/Λ to l. Α and Δ on emperor's cloak.
Ref.: *PCPC 123.1 (this coin).*
Prov.: Bendall colln., from Bank Aufhäuser



Obv.: Cross within crescent. Pellets in r. and l. field.
Rev.: Three-quarter-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.; l. hand globus.
LPC 264.2; PCPC 125; Sear 2357; DOC V -

661 21.5 mm / 1.89 g / 6 o'clock
Rev.: ΙΙ on r.
Prov.: Bendall colln.



Tetarteron, AE

Obv.: ΜΡ ΘV in upper field. Half-length figure of Virgin nimbate, orans.
Rev.: Α/Ν/ΔΡ/ΝΙ/ΚΟC/ΕΝ/ΧΔΕ/СΠ to l., Ο/Π/Α/ΛΕ/ΟΛ/ΟΓ to r., or var. Full-length figure of emperor wearing stemma, div. and chlamys; r. hand sc. cr.; l. hand gl. cr. *Manus Dei* in upper r. field.
LPC 60.36 var.; PCPC 126B; Sear 2358 var.; DOC V, Class I-a, - (see p. 154, table 19, (a)): 1282 - 1294

662 22 mm / 2.69 g / 5 o'clock
Rev.: Α/Ν/ΔΡ/ΝΙ/С to l.
Ref.: *PCPC 126B.4 (this coin).*
Prov.: Bendall colln.



663 18 mm / 2.04 g / 6 o'clock
Obv.: ΜΡ - ΘV
Rev.: Α/Ν/Α/Ν/ΚΟC/ΔΕC to l.
Ref.: *PCPC 126C.5 (this coin).*
Prov.: Bendall colln.



Obv.: ΜΡ ΘV in upper field. Half-length figure of Virgin nimbate, orans.
Rev.: Α/Ν/ΔΡ/ΝΙ/ΚΟC/ΕΝ/ΧΔΕ/СΠ to l., Ο/Π/Α/ΛΕ/ΟΛ/ΟΓ to r., or var. Full-length figure of emperor wearing stemma, div. and chlamys; r. hand sc. cr.; l. hand just globus. *Manus Dei* in upper r. field.
LPC 60.36 var.; PCPC 126C; Sear 2358 var.; DOC V, Class I-b, - (see p. 154, table 19, (b)): 1282 - 1294

664 20 mm / 2.01 g / 6 o'clock
Obv.: ΜΡ - ΘV
Rev.: Α/Ν/Ν to l., Π/Α/Ι/Ο to r.
Ref.: *PCPC 126C.6 (this coin).*
Prov.: Bendall colln.



Obv.: ΜΡ ΘV in upper field. Half-length figure of Virgin nimbate, orans.
Rev.: Δ/Ν/ΔΡ/ΝΙ/ΚΟC/ΕΙΧ/ΨΔΕ/СΠ to l., Π/Α/Λ/Ε - Ο/Α/Ο/Γ/С to r., or var. Full-length figure of emperor wearing stemma, div. and chlamys; r. hand labarum-headed sc.; l. hand gl. cr.
LPC 60.36; PCPC 126A; Sear 2358; DOC V, Class I-d, pl. 37, 626-32: 1282 - 1294

665 20 mm / 1.88 g / 6 o'clock
Obv.: ΜΡ - ΘV
Rev.: Δ/Ν/ΔΡ/ΝΙ/ΚΟC/ΕΙΧ/ΨΔΕ/СΠ to l., Π/Α/Λ/Ε - Ο/Α/Ο/Γ/С to r.
Ref.: *PCPC 126A.1 (this coin); Sear 2358 (this coin).*
Prov.: Bendall colln., ex H. Weller



- 666 18 mm / 1.80 g / 6 o'clock
Obv.: $\overline{MP} - \overline{\Theta V}$
Rev.: Λ to l.
Ref.: PCPC 126A.3 (*this coin*).
Prov.: Bendall colln.



Thessalonica

Stamenon, AE

- Obv.:** $\Theta/\Lambda/\Delta I$ to l., MH/Φ to r. Half-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand shield.
Rev.: $A/\Delta/N/I$ to l. Full-length figure of emperor bearded and winged, wearing stemma, div. jewel. loros of simpl. type and sagion; r. hand sc. cr.; l. hand gl. cr.
LPC 212.12; PCPC 211; Sear 2371; DOC V, Class II, pl. 41, 721-8

- 667 26 mm / 1.92 g / 6 o'clock
Obv.: O/C to r.
Prov.: Bendall colln.



- 668 23 mm / 1.33 g / 6 o'clock
Ref.: PCPC 211.2 (*this coin*).
Prov.: Bendall colln., from Dumbarton Oaks (by exchange), ex Bertelè colln.



- 669 23 mm / 1.95 g / 6 o'clock
Obv.: Δ to l.
Rev.: O to l., Π beside wing to l.
Ref.: Bendall 2001, p. 266, specimen 144 (*this coin*).
Prov.: Bendall, from Thessalonica (VII) hoard



- Obv.:** $\Theta/\Gamma/\Delta I$ to l., $MH/\Phi I/O/S$ to r. St. Demetrius, beardless and nimbate, seated, wearing tunic, breastplate and sagion; r. hand sword; l. hand shield.
Rev.: $AN/\Delta P/ON/I$ to l., $K\Delta/\Pi T/\epsilon V$ to r. Emperor, bearded, seated upon throne without back wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand globus surmounted by patriarchal cross; l. hand lily-sc.
LPC 210.10; PCPC 212; Sear 2369; DOC V, Class III, pl. 41, 729

- 670 25 mm / 3.10 g / 6 o'clock
Obv.: $\epsilon/\Theta H/\Delta$ to l., $\Phi C/\epsilon$ to r.
Rev.: $\dots K/\Delta C/\Delta I$ to r.
Ref.: DOC V, pl. 41, 729 (*this coin*); PCPC 212.1 (*this coin*); Sear 2369 (*this coin*).
Prov.: Bendall colln., ex Lord Grantley



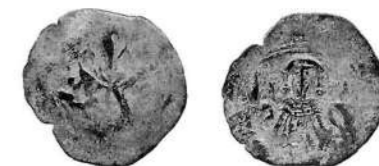
- Obv.:** $\Theta/\Gamma/\Delta I$ to l., $MH/\Phi I/O/S$ to r. St. Demetrius, beardless and nimbate, seated, wearing tunic, breastplate and sagion; r. hand sword resting over shoulder, l. hand shield.
Rev.: Half-length figure of bearded, winged emperor above city walls; r. hand sword resting over shoulder.
LPC 214.15; PCPC 213; Sear 2374; DOC V, Class IV, pl. 41, 730-1

- 671 23 mm / 2.71 g / 6 o'clock
Obv.: $O/A/I$ to l., $\Delta/HMH/\Phi I/O/C$ to r. (HMH as monogram)
Prov.: Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4242, 26/4/1945



- Obv.:** Γ/Θ to l., $\Delta/HMH/\Phi I/S$ to r. Half-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand sword; l. hand shield.
Rev.: $A/N\Delta/\dots$ to l., $\Delta/\Pi\Gamma/C$ to r. Half-length figure of bearded emperor wearing stemma, div., c-p and loros; holds a large lily in each hand.
LPC 212.13; PCPC (216); Sear 2372; DOC V, Class VII, pl. 42, 734-5

- 672 22 mm / 1.35 g / 6 o'clock
Prov.: Bendall colln.



- Obv.:** Two wings with six-pointed star above and below.
Rev.: Three-quarter-length figure of emperor in portico, wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.
LPC 220.24; PCPC 221; Sear 2385; DOC V, Class XI, pl. 42, 745-8

- 673 23 mm / 0.94 g / 6 o'clock
Prov.: Baldwin 2001



674 22 mm / 1.54 g / 6 o'clock
Prov.: Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley auction, lot 4242, 26/4/1945



Obv.: Long cross pattée, eight-pointed star in each quarter.
Rev.: AN to l., ΔΠ to r., or var. Half-length figure of emperor, bearded, wearing stemma, div., c-p and panelled loros of simpl. type; r. hand gl. cr.; l. hand labarum-headed sc.
LPC 220.25; PCPC (225); Sear 2386; DOC V, Class XV-a (legend vertical), pl. 43, 755-6

675 27 mm / 2.72 g / 6 o'clock
Rev.: AN to l., ΔΠ to r.
Prov.: Bendall colln.



Obv.: Palaeologan monogram with two stars in field.
Rev.: Full-length figure of winged and bearded emperor wearing stemma, div., jewel. loros simpl. type and sagion; r. hand sc. cr.; l. hand anexikakia.
LPC 226.34; PCPC (227); Sear 2395; DOC V, Class XVII, pl. 43, 760-2

676 22 mm / 0.95 g
Obv.: Brockage of the reverse.
Prov.: Baldwin 2001



Obv.: Large patriarchal cross, wing on each side, small cross in circle above.
Rev.: ΔΚΟ (for Andronicus) in r. field. Three-quarter-length figure of bearded emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand anexikakia; l. hand labarum on long shaft. Six-pointed star in upper l. field.
LPC 218.23; PCPC (237); Sear 2384; DOC V, Class XXVI, pl. 44, 784-5

677 24 mm / 2.07 g / 6 o'clock
Prov.: Bendall colln.



Obv.: ☉ to l., ΔΜ to r. Three-quarter-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand shield.
Rev.: ΝΔ to upper r. Full-length figure of bearded emperor wearing stemma, div., c-p and loros; r. hand large patriarchal cross; l. hand anexikakia. Large star in lower l. field.
LPC 216.18; PCPC (238); Sear 2377; DOC V, Class XXVII, pl. 44, 786-8

678 23 mm / 2.66 g / 6 o'clock
Obv.: ☉ to l., ΔΜ to r.
Rev.: ΝΔ to upper r.
Prov.: Bendall 2001



Obv.: Six-petalled flower.
Rev.: Three-quarter-length figure of emperor between Β Β, wearing stemma, div., c-p and loros.
LPC 224.32; PCPC 239; Sear 2393; DOC V, Class XXVIII, pl. 45, 789-92

679 24 mm / 2.15 g / 6 o'clock
Ref.: *PCPC 239.1 (this coin); Sear 2393 (this coin).*
Prov.: Bendall colln.



680 22 mm / 1.07 g / 6 o'clock
Obv.: Six-petalled flower.
Rev.: Three-quarter-length figure of bearded emperor; r. hand anexikakia; l. hand labarum on long shaft. Six-pointed star in upper l. field. N to l.
Ref.: *DOC V, Class XXVIII, pl. 45, 789-92 (obv.) and Class XXVI pl. 44, 784-5 (rev.); LPC 224.32, 218.23; PCPC 239, (237); Sear 2393, 2384; Bendall 2001, p. 266, pl. 49, no. 143 (this coin).*
Prov.: Bendall, from Thessalonica (VII) hoard



Obv.: Four-petalled flower, star in each quarter.
Rev.: ΑΝ/Δ to l., ΚΟ to r. Half-length figure of bearded emperor wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand large lily; l. hand sc. cr.
LPC 222.29; PCPC 240; Sear 2390; DOC V, Class XXIX, pl. 45, 793-7

681 24 mm / 1.86 g
Rev.: ΗΚ to l.
Prov.: Bendall colln., ex Bertelè colln.



Obv.: Large patriarchal cross, six-pointed stars in bottom quarters.
Rev.: ANIKC to l. Three-quarter-length figure of bearded emperor wearing stemma, div., c and jewel. loros of simpl. type; haloed cross in each hand.
LPC 220.26; *PCPC* 241; Sear 2387; *DOC* V, Class XXX, pl. 45, 798-800

682 20 mm / 1.62 g / 6 o'clock
Prov.: Baldwin 2001



Obv.: Wing to r. holding to l. large patriarchal cross; large 8 to l.
Rev.: ANXΔ on r. Half-length figure of bearded emperor wearing stemma, div., c-p and loros r. hand haloed cross; l. hand labarum-headed sc. Palaeologan monogram in upper l. field.
LPC 218.22; *PCPC* 243; Sear 2383; *DOC* V, Class XXXII, pl. 45, 807

683 22 mm / 1.88 g / 6 o'clock
Prov.: Bendall 2001



684 23 mm / 1.15 g / 6 o'clock
Prov.: Baldwin 2001



685 22 mm / 1.64 g / 6 o'clock
Rev.: Star to bottom r.
Prov.: Bendall colln.



Obv.: Ⓞ to l. Bust of military saint (St. Demetrius?); l. hand sword resting over shoulder; other details remain uncertain.
Rev.: Half-length figure of bearded emperor holding in each hand globus surmounted by ve; large cross.
LPC - ; Bendall – Donald 1980, p. 46, no. 9; *PCPC* (244); Sear 2492; *DOC* V, Class XXXI pl. 45, 809-10

686 20 mm / 1.71 g / 6 o'clock
Obv.: Ⓞ to l.
Prov.: Bendall colln.



Obv.: Ⓞ/Γ to l., Δ/Μ/Φ or var. to r. Full-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand shield.
Rev.: Three-quarter-length figure of bearded emperor wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand sc. cr.; l. hand gl. cr. *Manus Dei* in upper r. field. Two stars in l. field.
LPC 212.14; *PCPC* 246; Sear 2373; *DOC* V, Class XXXIV, pl. 46, 811-5

687 24 mm / 1.38 g / 6 o'clock
Obv.: Δ/Η/Τ to r. (ΗΗ as monogram)
Prov.: Bendall colln.



688 21 mm / 0.96 g / 6 o'clock
Prov.: Bendall colln.



Obv.: Large patriarchal cross between $\overline{\text{IC}} \overline{\text{XC}}$ and $\overline{\text{N}} \overline{\text{K}}$ (for *Nika*).
Rev.: Three-quarter-length figure of bearded emperor; r. hand sc. cr.; l. hand anexikakia. Two stars in l. field, and one in upper r. field.
LPC 222.27; *PCPC* 247; Sear 2388; *DOC* V, Class XXXV, pl. 46, 816-9

689 20 mm / 1.50 g / 6 o'clock
Obv.: $\overline{\text{IC}} \overline{\text{M}}$ to l.
Ref.: *PCPC* 247.1 (*this coin*); Sear 2388 (*this coin*).
Prov.: Bendall colln., from Glendining 4/7/1973, lot 207



690 23 mm / 1.06 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \text{X}$ and $\overline{\text{N}}$
Ref.: *PCPC* 247.2 (*this coin*).
Prov.: Bendall colln.



691 18 mm / 1.04 g
Obv.: K to bottom r.
Prov.: Bendall 2001



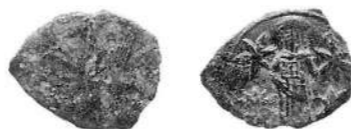
Obv.: Elaborate four-petalled flower.

Rev.: Three-quarter-length figure of bearded emperor; r. hand on body. Two six-pointed star to l., and two to r.

LPC 224.30; *PCPC* (249); Sear 2391; *DOC* V, Class XXXVII, pl. 46, 821-4

692 20 mm / 1.27 g / 6 o'clock

Prov.: Baldwin 2001



Obv.: Ο/ΑΓΛ/Ι/Ο/Σ to l., Δ/Η/Τ/Ρ to r. Bust of St. Demetrius, beardless and nimbate; r. hand small cross on breast.

Rev.: Three-quarter-length figure of bearded emperor on l., blessed by Virgin nimbate. In upper centre field star. In lower centre field ⌘.

LPC 204.2 (but as Christ on rev.); *PCPC* 250; Sear 2360; *DOC* V, Class XXXVIII, pl. 46, 825-32

693 20 mm / 1.01 g / 6 o'clock

Obv.: Δ/Η/Τ to r.

Prov.: Bendall colln.



Obv.: Palaeologan monogram.

Rev.: ΔΗΜ on l. Three-quarter-length figure of St. Demetrius, beardless and nimbate, on l., and of emperor. In upper centre field a star; in lower centre field a ⌘. Saint holds in r. hand spear. Emp. holds in l. hand sc.

LPC -; Bendall – Donald 1980, p. 46, no. 7; *PCPC* 252; Sear 2367; *DOC* V, Class XL, pl. 4 833-9 (but St. George on rev.)

694 22 mm / 1.56 g / 6 o'clock

Rev.: ΔΗΜ on l.

Prov.: Bendall colln., ex Bertelè colln.



Obv.: Three-quarter-length figure of St. Michael, beardless and nimbate.

Rev.: ΔΗΜΤ – ΑΝΔ Half-length figure of St. Demetrius, beardless and nimbate on l., and of bearded emperor; between them large patriarchal cross. Saint and emperor hold in r. and l hand respectively sc. cr.

LPC -; Bendall – Donald 1980, p. 46, no. 8; *PCPC* (253); Sear 2368; *DOC* V, Class XLI, pl 47, 840-4

695 22 mm / 1.82 g

Rev.: ΔΗΜΤ – ΑΝ (ΗΜ as monogram)

Prov.: Bendall 2001



696 22 mm / 1.16 g

Obv.: Worn.

Rev.: ΔΗΜΤ – ΑΝΔ (ΗΜ as monogram)

Prov.: Baldwin 2001



Obv.: Three-quarter-length figure of St. Demetrius, beardless and nimbate; r. hand sword; l. hand shield. Four stars in field.

Rev.: Three-quarter-length figure of winged and bearded emperor wearing stemma, div., c-p and loros; r. hand large patriarchal cross; l. hand sc.

LPC 216.20; *PCPC* (254); Sear 2379; *DOC* V, Class XLIII, pl. 47, 846-8

697 21 mm / 1.43 g / 6 o'clock

Prov.: Bendall 2001



698 20 mm / 1.19 g

Obv.: Brockage of the reverse.

Prov.: Baldwin 2001



Obv.: Α to l., Δ/Η/Τ to r., or var. Half-length figure of St. Demetrius, beardless and nimbate; l. hand spear resting over shoulder; in l. field large ⌘.

Rev.: Α/ΝΚ ΟΚ/ΑΠ to l. (?) Three-quarter-length figure of winged and bearded emperor wearing stemma, div., c-p and loros; r. hand model of a city; l. hand sc. cr. *LPC* 210.11; *PCPC* 255; Sear 2370; *DOC* V, Class XLIV, pl. 47, 849-51

699 23 mm / 1.23 g / 6 o'clock

Obv.: Δ/Η/Τ to r.

Prov.: Bendall 2001



700 22 mm / 1.79 g

Obv.: Brockage (?) of the reverse.

Rev.: ΗΔ on l.

Prov.: Bendall 2001



701 18 mm / 0.69 g

Obv.: Large ⌘ in l. field not visible.

Rev.: ΝΔ on l.

Prov.: Baldwin 2001



Andronicus II - Michael IX (1294-1320)

Uncertain Mint

Hyperpyron, AV

Obv.: \overline{MP} $\overline{\Theta V}$ beside Virgin's head. Half-length figure of Virgin nimbate, orans within the walls of Constantinople with six towers.

Rev.: $\overline{X M / \Lambda E / C / \Pi}$ to l., $\overline{\Lambda N / \Lambda P / \Lambda I / K}$ to r., or var. \overline{IC} \overline{XC} beside Christ's head. Full-length figure of Christ, bearded and nimbate, blessing the kneeling figure of Andronicus II, bearded on r., and of Michael IX, beardless on l. Andronicus wears stemma, div., c-p and jewel. Ioros of simpl. type. Michael similarly dressed.

LPC 62.1; *PCPC* - ; Sear 2396; *DOC* V, Class II-a with TE (transposed effigies), table 13, p. 136-7

- 702** Siglon: 75 (Bendall/1984)
25 mm / 4.03 g / 6 o'clock
Rev.: \overline{IC} - \overline{XC} N to l., A to r.
Ref.: Bendall 1995a, pl. 12, no. 25a (*this coin*).
Prov.: Bendall colln.



- 703** Siglon: 78 (Bendall/1984)
24 mm / 4.09 g / 6 o'clock
Rev.: \overline{IC} - \overline{XC} $\overline{X / \Lambda / \Delta / C / M}$ to l., $\overline{\Lambda N / \Delta P / \Lambda E / I / I}$ to r. ($\overline{\Lambda N}$ as monogram)
Ref.: Bendall 1995a, pl. 12, no. 23a (*this coin*).
Prov.: Bendall colln.



- 704** Siglon: 79 (Bendall/1984)
25 mm / 3.68 g / 6 o'clock
Rev.: \overline{IC} - \overline{XC} $\overline{X / \Lambda / \Delta / C / \dots}$ to l., $\overline{\Lambda N / \Delta}$ to r. ($\overline{\Lambda N}$ as monogram)
Ref.: Bendall 1995a, pl. 12, no. 22b (*this coin*).
Prov.: Bendall colln.



- 705** Siglon: 87 (Bendall/1984)
25 mm / 4.15 g / 6 o'clock
Rev.: \overline{IC} - \overline{XC} $\overline{X / \dots / C}$ to l., $\overline{A / N / K / O C / E}$ to r.
Ref.: Bendall 1995a, pl. 9, no. 7a (*this coin*).
Prov.: Bendall colln.



- Siglon: 88 (Bendall/1984)
706 25 mm / 4.11 g / 6 o'clock
Rev.: \overline{IC} - \overline{X} $\overline{X / E / C / \Pi / C}$ to l., $\overline{C / E}$ to r.
Ref.: *DOC* V, pl. 15, 245; Bendall 1995a, pl. 11, no. 17d (*this coin*).
Prov.: Bendall colln.



- 707** 23 mm / 4.06 g / 6 o'clock
Rev.: \overline{IC} - \overline{XC} $\overline{M / X / \Lambda C / \dots / H}$ to l., $\overline{A / N}$ to r.
Ref.: *DOC* V, pl. 15, 245; Bendall 1995a, pl. 11, no. 17b (*this coin*); idem 1982a, pl. 19, no. 148 (*this coin*).
Prov.: Bendall colln., from Istanbul (VII) hoard



- Siglon: 89 (Bendall/1984)
708 25 mm / 4.02 g / 6 o'clock
Rev.: \overline{IC} - \overline{XC} $\overline{M / X / T / H}$ to l.
Ref.: Bendall 1995a, pl. 10, no. 15a (*this coin*).
Prov.: Bendall colln.



- 709** 26 mm / 3.90 g / 6 o'clock
Rev.: \overline{IC} - \overline{X} $\overline{\Lambda}$ to l.
Ref.: Bendall 1995a, pl. 10, no. 14a (*this coin*).
Prov.: Bendall colln.



- 710** 24 mm / 2.92 g / 6 o'clock
Rev.: \overline{IC} - \overline{XC} $\overline{X / \Lambda / T / H}$ to l., $\overline{\Delta}$ to r.
Ref.: Bendall 1995a, pl. 10, no. 14b (*this coin*).
Prov.: Bendall colln.



- Siglon: 92 (Bendall/1984)
711 24 mm / 3.91 g / 6 o'clock
Rev.: \overline{IC} - \overline{XC} M to l., AN on r.
Ref.: Bendall 1995a, pl. 9, no. 11c (*this coin*); idem 1982a, p. 75, specimen 120 (*this coin*).
Prov.: Bendall colln., from Istanbul (VII) hoard



- 712** 28 mm / 4.04 g / 6 o'clock
Rev.: \overline{IC} - \overline{XC} MIX - $\overline{\Lambda E C}$
Ref.: Bendall 1995a, pl. 10, no. 11g (*this coin*).
Prov.: Bendall colln.



713 26 mm / 4.10 g / 6 o'clock
Rev.: $\overline{\text{IC}}$ - $\overline{\text{XC}}$ Letters on r. indistinct
Ref.: Bendall 1995a, pl. 10, no. 11f (*this coin*);
idem 1982a, pl. 18, no. 118 (*this coin*).
Prov.: Bendall colln., from Istanbul (VII) hoard



714 25 mm / 4.11 g / 6 o'clock
Rev.: $\overline{\text{IC}}$ - $\overline{\text{XC}}$ $\Lambda\Lambda\Pi\Pi\text{K}$ on r.
Ref.: Bendall 1995a, pl. 9, no. 11e (*this coin*);
idem 1982a, p. 75, specimen 117 (*this coin*).
Prov.: Bendall colln., from Istanbul (VII) hoard



715 25 mm / 4.11 g / 6 o'clock
Rev.: $\overline{\text{IC}}$ - $\overline{\text{XC}}$ $\chi\text{M}\Lambda\text{I}$ - ...IN
Ref.: Bendall 1995a, pl. 9, no. 11a (*this coin*);
idem 1982a, pl. 18, no. 119 (*this coin*).
Prov.: Bendall colln., from Istanbul (VII) hoard



Siglon: 94 (Bendall/1984)
716 24 mm / 3.96 g / 6 o'clock
Rev.: $\overline{\text{IC}}$ - \times Letters on l. indistinct
Ref.: DOC V, pl. 16, 257; Bendall 1995a, pl. 7,
no. 2g (*this coin*).
Prov.: Bendall colln.



717 24 mm / 4.07 g / 6 o'clock
Rev.: $\overline{\text{IC}}$ - $\overline{\text{XC}}$ $\text{K}/\dots\text{H}/\Delta/\text{T}$ to l., $\text{H}/\text{T}/\text{T}$ to r.
Ref.: DOC V, pl. 16, 257; Bendall 1995a, pl. 7,
no. 2e (*this coin*).
Prov.: Bendall colln.



718 24 mm / 3.76 g / 6 o'clock
Rev.: $\overline{\text{IC}}$ - $\overline{\text{XC}}$ $\text{M}\text{O}\text{P}\Lambda\text{Γ}\cdot$ - $\text{K}\cdot\text{Π}\Lambda$
Ref.: DOC V, pl. 16, 257; Bendall 1995a, pl. 7,
no. 2k (*this coin*).
Prov.: Bendall colln.



719 25 mm / 4.01 g / 6 o'clock
Rev.: $\overline{\text{IC}}$ - \times $\text{M}\text{O}\text{P}\Lambda\text{Γ}\cdot$ - $\text{K}\cdot\text{Π}\Lambda\Lambda$
Ref.: DOC V, pl. 16, 257; Bendall 1995a, pl. 7,
no. 2j (*this coin*).
Prov.: Bendall colln.



720 25 mm / 3.98 g / 6 o'clock
Rev.: $\overline{\text{IC}}$ - \times $\text{M}\text{O}\text{P}\Lambda\text{Γ}\cdot$ - $\text{K}\cdot\dots\Lambda\Delta$
Ref.: DOC V, pl. 16, 257; LPC 62.1; Bendall
1995a, pl. 8, no. 2l (*this coin*).
Prov.: Bendall colln.



721 24 mm / 3.60 g / 6 o'clock
Rev.: $\overline{\text{IC}}$ - \times $\text{M}\text{O}\text{P}\Lambda\text{Γ}\cdot$ - $\text{K}\cdot\text{Π}$
Ref.: DOC V, pl. 16, 257; Bendall 1995a, pl. 7,
no. 2i (*this coin*).
Prov.: Bendall colln.



722 25 mm / 4.00 g / 6 o'clock
Rev.: $\overline{\text{IC}}$ - $\overline{\text{XC}}$ $\text{M}\text{Π}\text{M}\text{Π}$ - ...PNK
Ref.: DOC V, pl. 16, 257; Bendall 1995a, pl. 7,
no. 2b (*this coin*); idem 1982a, pl. 20, no. 172
(*this coin*).
Prov.: Bendall colln., from Istanbul (VII) hoard



723 25 mm / 4.06 g / 6 o'clock
Rev.: $\overline{\text{IC}}$ - $\overline{\text{XC}}$ $\text{M}\text{I}\text{M}\text{I}\text{Π}$ - $\Delta\text{P}\text{N}\text{K}$
Ref.: DOC V, pl. 16, 257; Bendall 1995a, pl. 7,
no. 2a (*this coin*).
Prov.: Bendall colln.



Siglon: 95 (Bendall/1984)
724 25 mm / 4.07 g / 6 o'clock
Rev.: $\overline{\text{IC}}$ - $\overline{\text{XC}}$ Π to l., $\Delta\text{K}/\text{O}/\text{Π}$ to r.
Ref.: Bendall 1995a, pl. 8, no. 5a (*this coin*).
Prov.: Bendall colln.



Siglon: 100 (Bendall/1984)
725 24 mm / 4.04 g / 6 o'clock
Rev.: $\overline{\text{IC}}$ - \times $\chi\text{M}/\Delta/\epsilon\text{C}/\text{Π}$ to l.
Ref.: Bendall 1995a, pl. 11, no. 16a (*this coin*).
Prov.: Bendall colln.



Siglon: 101 (Bendall/1984)
726 23 mm / 4.02 g / 6 o'clock
Ref.: Bendall 1995a, pl. 13, no. 29a (*this coin*);
idem 1982a, pl. 19, no. 152 (*this coin*).
Prov.: Bendall colln., from Istanbul (VII) hoard



- 727 24 mm / 4.00 g / 6 o'clock
Rev.: Δ/P to r.
Ref.: Bendall 1995a, pl. 13, no. 29b (*this coin*);
idem 1982a, pl. 19, no. 154 (*this coin*).
Prov.: Bendall colln., from Istanbul (VII) hoard



- Siglon: 104 (Bendall/1984)
728 24 mm / 3.92 g / 6 o'clock
Rev.: ⲟⲭ – ⲒⲈ ⲙⲓ/ⲭⲕⲉ/ⲧⲟⲡ/...ⲕⲁ/ⲡ to l.,
ⲡⲚ/ⲕ to r.
Ref.: Bendall 1995a, pl. 13, no. 31c (*this coin*).
Prov.: Bendall colln.



- 729 26 mm / 4.03 g / 6 o'clock
Rev.: ⲒⲈ – ⲭⲈ .../ⲙ to l., ⲁ/ⲡ to r.
Ref.: Bendall 1995a, pl. 13, no. 31a (*this coin*).
Prov.: Bendall colln.



- Siglon: 83 var. (Bendall/1984)
730 23 mm / 4.08 g / 6 o'clock
Rev.: ⲒⲈ – ⲭⲈ ⲙ/ⲭ/ΔⲈ to l., ⲁ/... to r.
Ref.: Bendall 1995a, pl. 9, no. 8a (*this coin*).
Prov.: Bendall colln.



- Siglon: 82 var. (Bendall/1984)
731 22 mm / 3.17 g / 6 o'clock
Rev.: ⲒⲈ – ⲭⲈ Ⲛ to l., ⲁ/ⲡ/ⲟ to r.
Ref.: Bendall 1995a, pl. 9, no. 9a (*this coin*).
Prov.: Bendall colln.



- Siglon: 93 var. (Bendall/1984)
732 26 mm / 4.19 g / 6 o'clock
Rev.: ⲭⲈ ⲙⲭⲒⲁ – ⲁⲚ
Ref.: Bendall 1995a, pl. 10, no. 13a (*this coin*).
Prov.: Bendall colln.



- Siglon: 18 (Bendall/1995)
733 24 mm / 4.12 g / 6 o'clock
Rev.: ⲒⲈ – ⲭⲈ ⲭ/ⲕ/ⲧ/ⲙ to l., ⲁ/Ⲛ to r.
Ref.: Bendall 1995a, pl. 11, no. 18b (*this coin*).
Prov.: Bendall colln.



- Siglon: 20 (Bendall/1995)
734 25 mm / 4.19 g / 6 o'clock
Obv.: ⲙⲙⲡ – ⲟⲩ
Rev.: ⲒⲈ – ⲭ ⲭ/ⲙ/ⲕⲉ/ⲡ/ⲧ to l., Ⲛ/ⲧ/Ⲛ to r.
Ref.: Bendall 1995a, pl. 11, no. 20a (*this coin*).
Prov.: Bendall colln.



- Siglon: 24 (Bendall/1995)
735 25 mm / 4.06 g / 6 o'clock
Rev.: ⲒⲈ – ⲭⲈ ⲭ/ⲙ/ⲕⲉ/Ⲉ/ⲡ to l., ⲕⲡ/Ⲛ/ⲕ to r.
Ref.: Bendall 1995a, pl. 12, no. 24d (*this coin*).
Prov.: Bendall colln.



- 736 24 mm / 3.84 g / 6 o'clock
Rev.: ⲒⲈ – ⲭⲈ ⲭ/ⲙ/ⲕⲉ/Ⲉ/ⲡ to l., ⲕⲚ/ⲕⲡ/Ⲛ/ⲕ to r.
Ref.: Bendall 1995a, pl. 12, no. 24c (*this coin*).
Prov.: Bendall colln.



- 737 27 mm / 3.66 g / 6 o'clock
Rev.: ⲒⲈ – ⲭⲈ ⲭ/ⲙ/ΔⲈ/ⲕ to l., ⲁ/Ⲛ/ⲡ to r.
Ref.: Bendall 1995a, pl. 12, no. 24b (*this coin*).
Prov.: Bendall colln.



- Siglon: 80? (Bendall/1984); 26 (Bendall/1995)
738 26 mm / 4.01 g / 6 o'clock
Rev.: ⲕ/ⲕ/ⲕ to l.
Ref.: Bendall 1995a, pl. 12, no. 26a (*this coin*).
Prov.: Bendall colln.



- Siglon: 3 (Bendall/1995)
739 25 mm / 4.05 g / 6 o'clock
Rev.: ⲒⲈ – ⲭⲈ ⲙ/ⲕ/ⲕⲉ/ⲡ to l., ⲁ/Ⲛ/ⲡ to r.
Ref.: Bendall 1995a, pl. 8, no. 3a (*this coin*).
Prov.: Bendall colln.



Constantinople

Hyperpyron, AV

Obv.: ΜΡ ΘΥ beside Virgin's head. Half-length figure of Virgin nimbate, orans within the walls of Constantinople with six towers.

Rev.: ΑΝ/Δ/ΡΟΜΙ/ΚΛ to l., ΧΜ/Λ/Ε/Σ to r., or var. Ιϸ Χϸ beside Christ's head. Full-length figure of Christ, bearded and nimbate, blessing the kneeling figure of Andronicus II, bearded on l., and of Michael IX, beardless on r. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed.

LPC 62.1; PCPC 127; Sear 2396; DOC V, Class II-a, pls. 15-6, 235-61: 1294 - 1303

Siglon: 5

- 740 27 mm / 3.89 g / 6 o'clock
Rev.: Ιϸ - Χϸ ΑΝ/Λ/Ν/Ι/Ι to l., ΧΜ/Λ/Λ/Λ to r.
Ref.: DOC V, pl. 15, 243.
Prov.: Bendall colln.



Siglon: 6

- 741 25 mm / 4.07 g / 6 o'clock
Rev.: Ιϸ - Χϸ ΑΝ/Δ/ΡΟΜΙ/ΚΛ to l., ΧΜ/Λ/Ε/Σ to r.
Prov.: Bendall colln.



Siglon: 7

- 742 25 mm / 3.99 g / 6 o'clock
Rev.: Ιϸ - Χϸ ΑΝ/... to l., ΧΗ/Λ/Ε/Σ to r.
Prov.: Bendall colln.



Siglon: 10

- 743 24 mm / 4.14 g / 6 o'clock
Rev.: Ιϸ - Χϸ Λ/Σ to r.
Ref.: Bendall 1982a, pl. 20, no. 166 (*this coin*).
Prov.: Bendall colln., from Istanbul (VII) hoard



Siglon: 11

- 744 24 mm / 3.95 g / 6 o'clock
Rev.: Ιϸ - Χϸ ΑΝ/Κ/Σ to l., ΧΗ/Λ/ΣΣ to r.
Prov.: Bendall colln.



Siglon: 15 var.

- 745 25 mm / 3.81 g / 6 o'clock
Rev.: Ιϸ - Χϸ ΑΝ/Λ/Ν/.../Ε to l., ΧΗ/Λ to r.
Prov.: Bendall colln.



Siglon: 22

- 746 24 mm / 4.05 g / 6 o'clock
Obv.: ΗΡΡ - ΘΥ
Rev.: Ιϸ - Χϸ ΑΝ/Δ/Χ/Ν/Λ to l., ΧΜ/Χ/Μ to r.
Prov.: Bendall colln.



Siglon: 24

- 747 24 mm / 4.09 g / 6 o'clock
Rev.: Ιϸ - Χϸ Λ/Λ/Λ to l., ΙΙ/Λ/Λ to r.
Prov.: Bendall colln.



- 748 24 mm / 3.94 g / 6 o'clock
Rev.: Ιϸ - Χϸ
Prov.: Bendall colln.



Siglon: 38

- 749 25 mm / 4.09 g / 6 o'clock
Rev.: Ιϸ - Χϸ ΛΝ/Λ/Ι/ΚΟ/Σ to l., Λ/Λ to r.
Prov.: Bendall colln.



Siglon: 39

- 750 24 mm / 4.01 g / 6 o'clock
Rev.: Ιϸ - Χϸ Letters on l. indistinct, Μ/Χ/Χ to r.
Ref.: Bendall 1982a, pl. 19, no. 141 (*this coin*).
Prov.: Bendall colln., from Istanbul (VII) hoard



Siglon: 42

- 751 29 mm / 3.71 g / 6 o'clock
Rev.: Ιϸ - Χϸ ΑΝ/Λ/Ν to l., ΧΜ/Λ to r.
Prov.: Bendall colln.



- Siglon: 69
752 26 mm / 4.06 g / 6 o'clock
Rev.: IC – XC AIA/NKI/TI to l.
Ref.: Bendall 1995a, pl. 8, no. 4a (*this coin*).
Prov.: Bendall colln.



- Siglon: obscure
753 25 mm / 4.04 g / 6 o'clock
Rev.: IC A/A to l.
Prov.: Bendall colln.



Obv.: MP OV beside Virgin's head. Half-length figure of Virgin nimbate, orans within the walls of Constantinople with four towers.
Rev.: AN/ΔP/NI/KI to l., X/M/ΔE/CΠ to r., or var. IC XC beside Christ's head. Full-length figure of Christ, bearded and nimbate, blessing the kneeling figure of Andronicus II, bearded, on l., and of Michael IX, beardless on r. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed.
LPC 62.1; *PCPC* 128; *Sear* 2396; *DOC V*, Class II-b, pls. 16-28, 262-471: 1303 - 1320 and late

- Siglon: 131
754 25 mm / 4.37 g / 6 o'clock
Rev.: IC Letters on l. indistinct, M/X/Δ/Π to r.
Prov.: Bendall colln.



- Siglon: 145
755 26 mm / 3.74 g / 6 o'clock
Rev.: IC – XC Δ to lower l., X/M to r.
Ref.: *DOC V*, pls. 25-7, 417-51.
Prov.: Bendall colln.



- Siglon: 151
756 23 mm / 4.03 g / 6 o'clock
Rev.: IC – XC X/Δ/Π to r.
Prov.: Bendall colln.



- Siglon: 149 (*Autokratores Romaion*)
757 25 mm / 4.11 g / 6 o'clock
Rev.: IC – XC O...HOI on l., A/A to r.
Prov.: Bendall colln.



- Siglon: 153 (*Autokratores Romaion*)
758 21 mm / 3.22 g / 6 o'clock
Rev.: IC – XC ...M...I – AVTOKAI
Ref.: *DOC V*, pl. 28, 471.
Prov.: Bendall colln.



Basilicon, AR

Basilica with Imperial Names

Obv.: IC XC in upper field. Christ, bearded and nimbate, seated upon throne with back; r. hand in sling of cloak; l. hand resting on Gospel.
Rev.: NAIK/O/C to l., X/AV to r., or var. IC XC beside Christ's head. Standing figure of Christ, bearded and nimbate, blessing the kneeling figure of Andronicus II, bearded on l., and of Michael IX, beardless on r.; between them cross on shaft. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed.
LPC - ; *PCPC* 130; *Sear* 2398; *DOC V*, Class I, table 16, p. 144, 1: 1304 - 1320 (or later)

- 759** 22 mm / 1.83 g (pierced) / 6 o'clock
Obv.: IC – XC
Rev.: IC – NAIK/O/C to l., X/AV to r.
Ref.: *PCPC* 130.1 (*this coin*).
Prov.: Bendall colln., from M. Museum Vienna (by exchange)



Obv.: IC XC in upper field. Christ, bearded and nimbate, seated upon throne without back; r. hand in sling of cloak; l. hand resting on Gospel.
Rev.: AN/OC to l., X/M/Δ/EC/ΠO/TI to r., or var. Full-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r.; between them cross on long shaft. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed.
LPC 66.5; *PCPC* 133; *Sear* 2401; *DOC V*, Class IV, table 16, p. 144, 4: 1304 - 1320 (or later)

- 760** 19 mm / 1.69 g / 6 o'clock
Obv.: IC – XC
Rev.: AN/OC to l., X/M/Δ/EC/ΠO/TI to r.
Prov.: Bendall colln.



Obv.: $\overline{\text{MP}} - \overline{\text{OV}}$ in upper field. Virgin nimbate, seated upon throne with back, holding beardless head of Christ on breast.
Rev.: $\text{AN}/\Delta\epsilon/\Sigma\text{P}/\text{O}|\text{I}$ to l., $\text{X}/\text{M}/\Lambda\text{V}/\text{KI}/\text{T}|\text{I}/\text{N}$ to r., or var. Full-length figure of Andronicus I bearded on l., and of Michael IX, beardless on r., each holding sc. cr., and jointly, between them labarum on long shaft. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed.
LPC 68.8; PCPC 137; Sear 2404; DOC V, Class VI, pl. 31, 508: 1304 - 1320 (or later)

761 22 mm / 2.03 g / 6 o'clock
Obv.: $\overline{\text{MP}} - \overline{\text{OV}}$
Rev.: $\Lambda/\text{N}/\Delta\text{P}/\text{NI}/\text{K}$ to l.
Prov.: Baldwin 2001



Obv.: $\text{KVPIE} \text{ BOHΘEI} \overline{\text{IC}} \overline{\text{XC}}$ in upper field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand resting on Gospel.
Rev.: $\text{AN}\Delta\text{PONIKOC} - \text{MIXAN}\Lambda\Delta\text{E}\Sigma\text{P}$ Full-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r.; between them labarum with circle beneath the plaque, on shaft ending to base. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed. Both emperors place free hands upon chest.
LPC 66.6; PCPC 134; Sear 2402; DOC V, Class VII, pl. 31, 509-12: 1304 - 1320 (or later)

762 20 mm / 2.10 g / 6 o'clock
Obv.: $\text{KVPIE} - \text{BOHΘEI} \overline{\text{IC}} - \overline{\text{XC}}$
Rev.: $\Delta\text{IDPONIKO} - \text{MIXH}\Lambda\Delta\text{E}\Sigma\text{P}$
Prov.: Bendall colln.



763 20 mm / 1.79 g / 6 o'clock
Obv.: $\text{KVPIE} - \text{BOHΘEI} \overline{\text{IC}} - \overline{\text{XC}}$
Rev.: $\text{AI}\Delta\text{PONIKOC} : - \text{MX} \dots$
Ref.: *PCPC 134.2 (this coin).*
Prov.: Bendall colln.



764 18.5 mm / 1.80 g (pierced) / 6 o'clock
Obv.: $\text{KVPHE} - \text{BOHΘEI} \overline{\text{IC}} - \overline{\text{XC}}$
Rev.: $\text{ONIKOC} - \text{MIXAN}\Lambda\Delta\text{E}\Sigma\text{P}$
Prov.: Bendall colln.



765 20 mm / 1.96 g (pierced) / 6 o'clock
Obv.: $\text{BOHΘEI} \overline{\text{IC}} - \overline{\text{XC}}$
Rev.: $\text{AI}\Delta\text{PONIKOC} : - \text{MIXH}\Lambda\Delta\text{E}\Sigma\text{P}$
Prov.: Old Ashmolean colln., from Revd. T. Greville Chester 18/6/1889



766 21 mm / 2.07 g / 6 o'clock
Obv.: $\text{KVPIE} - \text{BOHΘEI} \overline{\text{IC}} - \overline{\text{XC}}$
Rev.: $\text{AN}\Delta\text{PONIKOC}\Delta\text{E}\Sigma - \text{MIXAN}\Lambda\Delta\text{E}\Sigma\text{POT}$
Prov.: Old Ashmolean colln., from Glendinging 11/5/1977, lot 197, from D.R. Walker colln.



Anonymous Basilica

Obv.: $\text{KVPIE} \text{ BOHΘEI} \overline{\text{IC}} \overline{\text{XC}}$ in upper field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand resting on Gospel.
Rev.: $\text{AVTOKPATO} - \text{PE}\Sigma\text{POMAION}$ (or var.). Full-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r.; between them labarum with circle beneath the plaque, on long shaft ending to base. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed. Both emperors place free hands upon chest.
LPC 88.35; PCPC 167; Sear 2402; DOC V, Class VIII, pls. 31-2, 513-40: c. 1305 - 1320

No sigla in field.

Sear 2402; DOC V, pl. 31, 513-5.

767 20 mm / 1.48 g / 6 o'clock
Obv.: $\text{KVPIE} - \text{BOHΘEI} \overline{\text{IC}} - \overline{\text{XC}}$
Rev.: $\Delta\text{VTOKPA}\text{TO} - \text{PE}\Sigma\text{POMAION}$
Prov.: Bendall colln.



768 21 mm / 1.98 g / 6 o'clock
Obv.: $\text{HΘEI} \overline{\text{IC}}$
Rev.: $\Delta\text{VTO} \dots - \text{PE}\Sigma\text{POMAION}$
Prov.: Bendall colln.



769 22 mm / 2.02 g / 6 o'clock
Obv.: $\text{KVPIE} - \text{BOHΘEI} \overline{\text{IC}} - \overline{\text{XC}}$
Rev.: $\text{AVTOKPATO} - \text{PE}\Sigma\text{POMAION}$
Prov.: Old Ashmolean colln., from Revd. T. Greville Chester 1892



Small dot by each elbow of Christ.
PCPC 167.1; DOC V, pl. 31, 517-24

770 22 mm / 1.77 g / 6 o'clock
Obv.: $\text{KVPIE} - \text{BOHΘEI} \overline{\text{IC}} - \overline{\text{XC}}$
Rev.: $\Delta\text{VTOKPA}\text{TO} - \text{PE}\Sigma\text{POMAION}$
Ref.: *PCPC 167.1 (this coin).*
Prov.: Bendall colln.



With large pellet in l. and r. field.
LPC 88.35; *PCPC* 167.2; *DOC* V, pl. 32, 528-34

- 771 20 mm / 1.76 g / 6 o'clock
Obv.: ΚΥΡΙΑΕ – ΒΟΗΘΕΙ ΙC – XC
Rev.: AVTOKPATO – ΠΕCΠΩΜΑΙΟΝ
Ref.: *PCPC* 167.2 (*this coin*).
Prov.: Bendall colln.



- 772 21 mm / 1.75 g / 6 o'clock
Obv.: ΚΥΡΙΑΕ – ΟΗΘΕΙ ΙC – XC
Rev.: AVTOKPATO – ΠΕCΠΩΜΑΙΟΝ
Prov.: Old Ashmolean colln., from Revd. T. Greville Chester 1892



With * in l. and r. field.
PCPC 167.3; *DOC* V, pl. 32, 536-8

- 773 21 mm / 1.79 g / 6 o'clock
Obv.: ...ΙΕ – ΟΗΕ ΙC – XC
Rev.: AVTOKPATO – ΠΕCΠΩΜΑΙΩΝ
Prov.: Bendall colln.



Obv.: Η̄ Virgin nimbate, seated upon throne with back, holding beardless, nimbate head of Christ on breast.

Rev.: AVTOKPATO – ΠΕCΠΩΜΑΙΟΝ (or var.). Full-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r.; between them patriarchal cross on long shaft. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed. Both emperors place free hands upon chest.
LPC 88.34; *PCPC* (138); Sear 2405; *DOC* V, Class IX, - (see p. 144, table 16, 9): 1304 - 13 (or later)

- 774 19 mm / 1.83 g (broken) / 6 o'clock
Obv.: Η̄
Rev.: AVTOK... – ΩΜΑΙΩΝ (retrograde)
Prov.: Bendall colln.



Obv.: ΙC XC in upper field. Christ, bearded and nimbate, seated upon throne with back; r. hand in sling of cloak; l. hand Gospel.

Rev.: Η̄Π̄ Θ̄V beside Virgin's head. Virgin nimbate, seated upon throne with back; holds beardless, nimbate head of Christ upon breast.
LPC 192.2; *PCPC* 371; Sear 2586; *DOC* V, Anonymous Religious - a, pl. 32, 541-3: 1320s

- 775 21 mm / 2.16 g / 6 o'clock
Obv.: ΙC – X
Rev.: Η̄Π̄ – Θ̄V
Ref.: *PCPC* 371.1 (*this coin*); Sear 2586 (*this coin*); Bertelè 1948, pp. 161-3; Veglery – Zacos 1962, pp. 76-80; Bendall 1978b, p. 123.
Prov.: Bendall colln.



Obv.: ΙC XC in upper field. Christ, bearded and nimbate, seated upon elaborate throne with back with floral ornament; r. hand raised in benediction; l. hand resting on Gospel.

Rev.: Η̄Π̄ Θ̄V beside Virgin's head. Virgin nimbate, seated upon throne with back, holding the seated Christ Child on l. arm. The throne is flanked by Β B.
LPC 192.3; *PCPC* 372; Sear 2587; *DOC* V, Anonymous Religious - b, pl. 32, 544-8: 1320s

- 776 23 mm / 2.07 g / 6 o'clock
Obv.: ΙC – XC
Rev.: Η̄Π̄ – Θ̄V
Ref.: Elagin 1947, p. 542.
Prov.: Old Ashmolean colln., from Baldwin Feb. 1978, from D.R. Walker colln.



- 777 22 mm / 2.06 g / 6 o'clock
Obv.: ΙC – XC
Rev.: Η̄Π̄ – Θ̄V
Ref.: *PCPC* 372.1 (*this coin*); Sear 2587 (*this coin*).
Prov.: Bendall colln.



- 778 20 mm / 1.94 g / 6 o'clock
Obv.: ΙC – XC
Rev.: Η̄Π̄ – Θ̄V
Ref.: *PCPC* 372.2 (*this coin*).
Prov.: Bendall colln.



Tornese, Billon

Obv.: Α/ΝΔ/ΟΝ/Κ to l., Χ/Η/ΔΕ/CΠ/Τ to r. Full-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., each holding sc. cr. in r. and l. hand respectively; between them anxikakia (?). Andronicus wears stemma, div., c-p and panelled loros of simpl. type. Michael similarly dressed.
Rev.: +ΚΕCΟCΩΝΤΥCΒΑCΗΛΙC Cross in quatrefoil. Legend inside two borders.
LPC 70.9; *PCPC* 139; Sear 2410; *DOC* V, Class IX, pl. 33, 560

- 779 13 mm / 0.35 g (edges eroded) / 6 o'clock
Ref.: PCPC 139.1 (*this coin*).
Prov.: Bendall colln., from N. Rhodes (by exchange), ex Yalova, Turkey, July 1969



Stamenon, AE

- Obv.:** IC XC in upper field. Christ bearded and nimbate, seated upon throne with back; r. hand in sling of cloak; l. hand Gospel.
Rev.: Uncertain legend. Full-length figure of Andronicus II, bearded on l., and of Michael I beardless on r.; between them labarum on long shaft. Both emperors place free hands upon chest. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed.
LPC 74.15; PCPC 146; Sear 2415; DOC V, Class V, pl. 35, 598: 1294 - 1320 (or later)

- 780 23 mm / 2.72 g / 6 o'clock
Obv.: IC - XC
Rev.: all letters uncertain
Ref.: PCPC 146.1 (*this coin*); Bendall 2003, pp. 134-5, no. 2.
Prov.: Bendall colln.



- Obv.:** Three-quarter-length figure of Virgin nimbate, orans with medallion of beardless and nimbate Christ before her. B B in field.
Rev.: A/ΔP/NI/KOC/ΔEC to l., Η/Χ/.../ΔΠ to r. Full-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r.; between them cross on long shaft with B at its base. Both emperors place free hands upon chest. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed.
LPC 76.16; PCPC 148; Sear 2416; DOC V, Class VII, pl. 35, 599: 1294 - 1320 (or later)

- 781 24 mm / 2.03 g / 6 o'clock
Obv.: C̄ to l.
Rev.: A/ΛP/MI/KOC to l.
Ref.: PCPC 148.1 (*this coin*); Bendall 2004a, p. 91, no. 2, rev.
Prov.: Bendall colln.



- Obv.:** ΗΠ ΘV in field. Half-length figure of Virgin nimbate, orans.
Rev.: ANΔPONIKOC - MHXAHΛOΠ Full-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and jewel. loros of simpl. type; between them cross on long shaft. Both emperors place free hands upon chest.
LPC 76.17; PCPC 149; Sear 2417; DOC V, Class VIII, pl. 35, 600-3: 1294 - 1320 (or later)

- 782 27 mm / 4.05 g / 6 o'clock
Obv.: ΗΠ - ΘV
Rev.: NIKI - ΜΧΗΛΔΕCΠ
Ref.: PCPC 149.3 (*this coin*).
Prov.: Bendall colln., from I.T. Roper colln.



- Obv.:** ΗΠ ΘV in field. Half-length figure of Virgin nimbate, orans.
Rev.: ANΔPONIK - MHXAHΛ Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and panelled loros of simpl. type; between them labarum on long shaft. Both emperors place free hands upon chest.
LPC 78.19; PCPC 150; Sear 2419; DOC V, Class IX, pl. 35, 604-7: 1294 - 1320 (or later)

- 783 22 mm / 1.81 g / 6 o'clock
Obv.: ΘV
Rev.: ΛI - EC above, ΧΙΠ on r.
Prov.: Bendall colln.



- Obv.:** Half-length figure of St. Michael, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand sc.; l. hand globus.
Rev.: Full-length figure of Andronicus II, on r., and of Michael IX, on l., wearing stemma, div., c-p and loros; between them labarum on long shaft.
LPC 92.40; PCPC 152; Sear 2439; DOC V, Class XI, pl. 36, 610: 1294 - 1320 (or later)

- 784 22.5 mm / 1.59 g / 6 o'clock
Ref.: PCPC 152.2 (*this coin*).
Prov.: Bendall colln.



- Obv.:** Θ/NI/KO to l., Λ/A/O/S to r. Half-length figure of St. Nicholas, bearded and nimbate, wearing episcopal vestments; l. hand Gospel.
Rev.: NIK on l. Full-length figure of Andronicus II and of Michael IX, wearing stemma, div., jewel. loros of simpl. type and sagion; between them labarum on long shaft, at the base of which a globe. Both emperors hold sc. cr. in r. and l. hand respectively.
LPC 78.21; PCPC 153; Sear 2422; DOC V, Class XII, pl. 36, 611-2: 1294 - 1320 (or later)

- 785 27 mm / 1.97 g / 6 o'clock
Obv.: A to l., KO/Λ to r.
Rev.: NIK on l.
Ref.: PCPC 153.1 (*this coin*).
Prov.: Bendall colln.



- 786 25 mm / 2.40 g / 6 o'clock
Obv.: II/OC to r.
Ref.: PCPC 153.2 (*this coin*).
Prov.: Bendall colln.



Obv.: Full-length figure of St. Michael, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand sword; l. hand shield.

Rev.: Full-length figure of Andronicus II and of Michael IX wearing stemma, div., c-p and loros; between them patriarchal cross on long shaft. Both emperors place free hands upon chest. *LPC - ; PCPC 155; Sear 2421; DOC V, Class XIV, - (see p. 153, table 18B, 14): 1294 - 132 (or later)*

- 787 24 mm / 1.99 g / 6 o'clock
Ref.: PCPC 155.1 (*this coin*).
Prov.: Bendall colln.



Assarion, AE

Obv.: +KVPIEB OHΘI XCB ACIA. IC XC in field. Bust of Christ, beardless and nimbate. Legend inside two borders.

Rev.: ANΔPONIKOC - ... (uncertain letters). Full-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and loros; between them patriarchal cross on long shaft. Both emperors place free hands upon chest. *LPC 82.27; PCPC 160; Sear 2428; DOC V, Class II, pl. 37, 633-7: 1294 - 1320 (or later)*

- 788 22 mm / 2.58 g / 12 o'clock
Obv.: +KVPIEB OHΘI XCB ACIA
Rev.: ΔΔPON - ΔPONI
Prov.: Old Ashmolean colln., from Sabin galleries 1960



Obv.: Seraph.

Rev.: ANΔPONIKOC - MIXΔECΠOTHC Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and loros; between them patriarchal cross on long shaft. Both emperors place free hands upon chest. *LPC 84.28; PCPC 161; Sear 2429; DOC V, Class III, pl. 37, 638-46: 1294 - 1320 (or later)*

- 789 21 mm / 2.21 g / 6 o'clock
Rev.: ANΔPOIIKO: - MHXHΛΛ
Prov.: Old Ashmolean colln.



- Obv.:** Cross pattée, X at intersection, six-pointed star in each quarter.
Rev.: PON - H or var. Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and loros; between them labarum on long shaft. Both emperors place free hands upon chest. *LPC 84.30; PCPC 163; Sear 2431; DOC V, Class V, pl. 38, 655-8: 1294 - 1320 (or later)*

- 790 18 mm / 1.90 g / 6 o'clock
Rev.: PON - H
Ref.: PCPC 163.2 (*this coin*).
Prov.: Bendall colln., from Lutz Ilisch 3/4/1974



- 791 22 mm / 1.65 g / 6 o'clock
Prov.: Old Ashmolean colln., from Münzen und Medaillen 1/1/1964



Obv.: ANΔPONIKOC ΔECΠOTHCΠA or O ΠAΛEOΛOΓOC Full-length figure of Andronicus II, bearded, wearing stemma, div., c-p and loros; r. hand sc. cr.; l. hand anexikakia.

Rev.: MIXHΛH ΔECΠOTHC or O ΠAΛEOΛOΓOC Full-length figure of Michael IX, beardless, wearing stemma, div., c-p and loros; r. hand sc. cr.; l. hand anexikakia. *LPC 86.33; PCPC 166; Sear 2434; DOC V, Class VIII, pl. 39, 671-6: 1294 - 1320 (or later)*

- 792 21 mm / 2.63 g / 12 o'clock
Obv.: ANΔPONIKOCΔE - ΠA
Rev.: ...COΠ on l.
Prov.: Baldwin 2001



Obv.: Half-length figure of St. Michael, bearded and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand globus.

Rev.: AVTOK - PΩMEON. IC - XC beside Christ's head. Half-length figure of Christ, bearded and nimbate, blessing the kneeling figure of Andronicus II and of Michael IX. Both emperors wear stemma, div., c-p and jewel. loros of simpl. type. *LPC 88.36; PCPC 168; Sear 2435; DOC V, Class IX, pl. 39, 677-80: 1294 - 1320 (or later)*

- 793 21 mm / 2.14 g (pierced) / 6 o'clock
Rev.: IC - XC
Prov.: Baldwin 2001



Obv.: +KVPIECΩCONTYCB ACIΛIC. IC XC in field. Bust of Christ, beardless and nimbate
Legend inside two borders.

Rev.: AVTOKPATOPEC – POMAIΩN Full-length figure of Andronicus II, bearded on l.,
and of Michael IX, beardless on r., wearing stemma, div., c-p and jewel. loros of simpl. type
between them labarum on long shaft. Both emperors place free hands upon chest.

LPC 90.37; PCPC 169; Sear 2436; DOC V, Class X, pl. 39, 681-2: 1294 - 1320 (or later)

794 20 mm / 1.40 g / 6 o'clock

Obv.: C – XC +K...ACIΛEIC

Rev.: PNIMΩN on l.

Prov.: Baldwin 2001



Obv.: MP ΘV in field. Full-length figure of Virgin nimbate, orans.

Rev.: AVTOKPATOPEC – POMAIΩN Full-length figure of Andronicus II, bearded on l.,
and of Michael IX, beardless on r., wearing stemma, div., c-p and jewel. loros of simpl. type
between them labarum on long shaft on base, with O beneath the upper plaque. Both emperors
place free hands upon chest.

LPC 90.38; PCPC 170; Sear 2437; DOC V, Class XI, pl. 39, 683-5: 1294 - 1320 (or later)

795 19 mm / 1.76 g / 6 o'clock

Obv.: MP – Θ

Rev.: AVTOKPAT – ...I...ON

Ref.: *PCPC 170.1 (this coin); Sear 2437 (this coin).*

Prov.: Bendall colln., from G. Zacos colln.



796 20 mm / 1.36 g / 6 o'clock

Obv.: MP – ΘV

Ref.: *PCPC 170.2 (this coin).*

Prov.: Bendall colln., from R.N. Bridge colln.



797 19 mm / 2.58 g / 6 o'clock

Obv.: M – ΘV

Rev.: ΔYTOKPA – ...NIH

Prov.: Bendall colln.



Obv.: O/AG/IOC/AN to l., Δ/PO/NI/KO/C to r., or var. Half-length figure of St.

Andronicus, beardless and nimbate, wearing episcopal vestments; r. hand small cross
before him.

Rev.: AVTOKPATOPEC – POMAIΩN Full-length figure of Andronicus II, bearded
on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and jewel. loros
of simpl. type; between them labarum on long shaft. Both emperors place free hands
upon chest.

*LPC 90.39; PCPC 171; Sear 2438; DOC V, Class XII, pl. 39, 686-8: 1294 - 1320 (or
later)*

798 21 mm / 2.52 g / 6 o'clock

Obv.: O/AG/IO to l., A/ΔM/KO/C to r.

Rev.: AY T – ΩMAIΩN

Ref.: *PCPC 171.1 (this coin).*

Prov.: Bendall colln.



Obv.: +/AVTO/KPATO/PECΩM/AIΩN Legend in four lines.

Rev.: AVTOKPATOPEC POMAIΩN Three-quarter-length figure of Andronicus II,
bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and
panelled loros of simpl. type; between them labarum on long shaft. Both emperors hold
in r. and l. hand respectively sc. cr.

*LPC 92.41; PCPC 172; Sear 2440; DOC V, Class XIII, pl. 39, 689: 1294 - 1320 (or
later)*

799 21 mm / 1.88 g / 6 o'clock

Obv.: +/AVTO/KPATO/PECΩM/AIΩN

Ref.: *PCPC 172.1 (this coin).*

Prov.: Bendall colln.



800 21 mm / 1.20 g / 6 o'clock

Obv.: +/AVTO/KPATOP/ECΩM/AIΩN

Rev.: ΠΩH above on l.

Ref.: *Sear 2440 (this coin).*

Prov.: Bendall colln.



Obv.: Large B B .

Rev.: AVTOKPATOPEC POMAIΩN Full-length figure of Andronicus II, bearded on
l., and of Michael IX, beardless on r., wearing stemma, div., c-p and jewel. loros of
simpl. type; between them labarum on long shaft with a circular ornament below the
upper panel. Both emperors place free hands upon chest.

*LPC 94.44; PCPC 175; Sear 2443; DOC V, Class XVI, pl. 39, 692: 1294 - 1320 (or
later)*

- 801 23 mm / 2.48 g (broken) / 6 o'clock
Rev.: ΑΥΤΙΚΙΑΤΙ – ΗΙΣΙ...Μ
Ref.: PCPC 175.2 (*this coin*).
Prov.: Bendall colln., from G. Zacos colln.



Obv.: Large ΝΙΩ (cursive Δ, i.e., "Indiction 14"), with abbreviation mark above Ν.
Rev.: ΑΥΤΟΚΡΑΤΟΡΕΣ ΡΩΜΑΙΩΝ Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and jewel. loros of simpl type; between them labarum on long shaft with circular ornament. Both emperors place free hands upon chest.
LPC 96.46; PCPC 177; Sear 2445; DOC V, Class XVIII, pl. 40, 694-7: 1300/1

- 802 20 mm / 1.56 g / 6 o'clock
Rev.: ΗΑΙΩΝ on l.
Prov.: Baldwin 2001



Obv.: Long cross pattée, small X at intersection, Β 8 in upper and lower quarters.
Rev.: +ΑΥΤΟΚΡΑΤΟΡΕΣ ΡΩΜΑΙΩΝ forming outer circle of legend. Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and loros; between them labarum on long shaft. Both emperors place free hands upon chest.
LPC 98.49; PCPC 180; Sear 2448; DOC V, Class XXI, pl. 40, 700: 1294 - 1320 (or later)

- 803 23 mm / 1.58 g / 6 o'clock
Rev.: +ΑΥ...ΟΡΕΣ ΡΩΜΑΙΩΝ
Ref.: PCPC 180.1 (*this coin*).
Prov.: Bendall colln.



Obv.: Palaeologan monogram.
Rev.: +ΑΥΤΟΚΡΑΤΟΡΕΣ ΡΩΜΑΙΩΝ Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and loros; between them labarum on long shaft. Both emperors place free hands upon chest.
LPC 98.50; PCPC 181; Sear 2449; DOC V, Class XXII, pl. 40, 701-4: 1294 - 1320 (or later)

- 804 22 mm / 1.90 g / 11 o'clock
Rev.: +ΑΥΤΟΚΡΑΤ...ΜΑΙΩΝ
Ref.: PCPC 181.1 (*this coin*); Sear 2449 (*this coin*).
Prov.: Bendall colln., from G. Zacos colln.



- 805 22.5 mm / 2.21 g / 12 o'clock
Rev.: +ΑΥΤΟΚΡΑ...ΗΑΙΩΝ
Ref.: PCPC 181.2 (*this coin*).
Prov.: Bendall colln., from Goodman Geneva, from Russian colln. (c. 1900-16)



Obv.: +ΑΥΤΟΚΡΑΤΟΡΕΣ ΡΩΜΑΙΩΝ Cross pattée, X at intersection. Legend inside two borders.
Rev.: +ΑΥΤΟΚΡΑΤΟΡΕΣ ΡΩΜΑΙΩΝ Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and jewel. loros of simpl. type; between them patriarchal cross on long shaft. Both emperors place free hands upon chest.
LPC 98.51; PCPC 182; Sear 2450; DOC V, Class XXIII, pl. 40, 705-10: 1294 - 1320 (or later)

- 806 20 mm / 1.90 g / 12 o'clock
Obv.: +ΑΥΤΟΚΡΑΤΟΡΕΣ ΡΩΜΑΙΩΝ
Rev.: ...ΑΥΤ on r.
Prov.: Old Ashmolean colln.



Obv.: Palaeologan monogram.
Rev.: ΑΥΤΟΚ – ΡΑΤΟΡ Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and jewel. loros of simpl. type; between them labarum on long shaft. Both emperors hold in r. and l. hand respectively sc. cr.
LPC 100.53; PCPC 184; Sear 2452; DOC V, Class XXV, pl. 40, 712-6: 1294 - 1320 (or later)

- 807 22 mm / 2.15 g / 6 o'clock
Rev.: ΑΥΤΟΚ – ΡΑΤΟΡ
Ref.: PCPC 184.1 (*this coin*); Sear 2452 (*this coin*).
Prov.: Bendall colln.



- 808 21 mm / 1.96 g / 5 o'clock
Rev.: ΑΥΤΟΚ – ΡΑΤ
Ref.: PCPC 184.2 (*this coin*).
Prov.: Bendall colln., from R.N. Bridge (gift).



Thessalonica

Basilicon, AR

Obv.: IC XC in upper field. Christ, bearded and nimbate, seated upon throne with back; r. hand in sling of cloak; l. hand resting on Gospel.

Rev.: ΜΧΛΛΗΝΟΠ· – ΑΝΚΟCΟΠΙ Full-length figure of Andronicus II, bearded on r., and of Michael IX, beardless on l., wearing stemma, div., c-p and jewel. loros of simpl. type; between them patriarchal cross on shaft ending to step.

LPC 64.4; PCPC (132); Sear 2400 (but Constantinople); DOC V, Class II, pl. 31, 504-5 (but Constantinople): 1294?

809 20 mm / 2.14 g / 6 o'clock

Obv.: IC – XC

Rev.: ...ΧΛΛΗΝΟΠ· – ΑΝΚΟCΔΠΙ

Ref.: Bendall 1995b, p. 139, no. 5 (*this coin*).

Prov.: Bendall colln.



Stamenon, AE

Obv.: Six-petalled flower.

Rev.: Three-quarter-length figure of Michael IX, beardless on l., crowned by Andronicus II, bearded. Michael holds in r. hand sc. cr., and in l. anexikakia. Andronicus holds in l. hand sc cr. Both emperors wear stemma, div., c-p and loros.

LPC 230.5; PCPC 229; Sear 2457; DOC V, Class XIX, pl. 43, 765

810 23 mm / 2.16 g / 6 o'clock

Prov.: Baldwin 2001



Obv.: ☉ to l., Δ/ΗΗ/Φ/Σ to r. Half-length figure of St. Demetrius, beardless and nimbate, wearing tunic and himation (?); r. hand small cross to his breast. Star in l. and r. field.

Rev.: ΑΝΔΡΟΝΙΚΟC ΔΕCΠ (?) Half-length figure of Michael IX, beardless on l., and of Andronicus II, bearded on r., wearing stemma, div., c-p and loros; between them large star on long shaft. Both emperors place free hands upon chest.

LPC 228.2; PCPC 233; Sear 2454; DOC V, Class XXII, pl. 44, 771-3

811 23 mm / 0.95 g

Obv.: Brockage (?) of the reverse.

Prov.: Bendall 2001



Obv.: Long cross, two stars in upper quarters, Θ Β in lower quarters.

Rev.: ΑΝΔΡΟΝΙΚΟC – ΜΙΧΑΗΛ Half-length figure of Andronicus II, on l., and of Michael IX, on r., wearing stemma, div., c-p and loros; between them patriarchal cross on long shaft. Both emperors place free hands upon chest.

LPC 80.23; PCPC 234; Sear - ; DOC V, Class XXIII, pl. 44, 774-7

812 23 mm / 1.34 g / 6 o'clock

Rev.: ΜΧ on upper r.

Prov.: Bendall 2001



813 21 mm / 0.66 g / 6 o'clock

Rev.: ΑΝΔΡΟ on l.

Prov.: Baldwin 2001



Obv.: Two concentric circles bisected by vertical band.

Rev.: No legend. Three-quarter-length figure of Andronicus II and of Michael IX, wearing stemma, div., c-p and loros; between them haloed cross on long shaft. Both emperors hold in r. and l. hand respectively sc. cr.

LPC 232.6; PCPC (235); Sear 2458; DOC V, Class XXIV, pl. 44, 778-9

814 20 mm / 1.10 g / 12 o'clock

Prov.: Baldwin 2001



Obv.: Palaeologan monogram.

Rev.: ΑΝΔΡΟΝΙΚΟC – ΜΙΧΑΗΛΔΕCΠ (?) Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and loros; between them large lily on long shaft. Both emperors place free hands upon chest.

LPC 232.7; PCPC 236; Sear 2459; DOC V, Class XXV, pl. 44, 780-3

815 21 mm / 1.23 g / 6 o'clock

Rev.: ΝΔΡ... ΝΙΚΟ·Ι – ΜΧ

Ref.: *PCPC 236.1 (this coin); Sear 2459 (this coin).*

Prov.: Bendall colln., from Glendining 4/7/1973, lot 207



Constantinople(?)

Stamenon, AE

Obv.: Palaeologan monogram.

Rev.: M on r. Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX beardless on r., wearing stemma, div., c-p and loros; between them labarum on long shaft.

Both emperors place free hands upon chest.

LPC - ; *PCPC* - ; *Sear* - ; *DOC V* -

816 24 mm / 1.31 g / 6 o'clock

Rev.: M on r.

Prov.: Bendall colln. (This coin is a copper trachy that has been silvered later.)



Andronicus II - Andronicus III (1325-1328)

Constantinople

Hyperpyron, AV

Obv.: ΜΡ ΘΥ beside Virgin's head. Half-length figure of Virgin nimbate, orans within the walls of Constantinople reinforced by four towers.

Rev.: ΑΝΔΡΟΝΙΚΟΣ - ΑΝΔΙΙΝ. Ιϸ Χϸ beside Christ's head. Standing figure of Christ, bearded and nimbate, blessing the kneeling figure of Andronicus III, bearded on l., and of Andronicus II, bearded on r. Both emperors wear stemma, div., c-p and jewel. loros of simpl type, and place free hands upon chest.

LPC 108.1; *PCPC* 185; *Sear* 2461; *DOC V*, Class III, pl. 30, 493-503: 1325 - 1328 (or later)

Siglon: 3, *DOC*: a

817 22 mm / 2.96 g / 6 o'clock

Rev.: Ιϸ - Χϸ ΑΝΔΡΟΝΙΚΟΣ - ΑΝΔΙΙΝ

Ref.: *DOC V*, pl. 30, 493.

Prov.: Old Ashmolean colln., from Evans bequest 1941



Siglon: 14, *DOC*: g

818 22 mm / 3.37 g / 6 o'clock

Obv.: Μ

Rev.: Ιϸ - Χ Λ - ΑΝΔ

Ref.: *DOC V*, pl. 30, 502.

Prov.: Old Ashmolean colln., from Glendining auction, from the H.P. Hall colln.



Stamenon, AE

Obv.: ΗΡ ΘΥ in field. Three-quarter-length figure of Virgin nimbate, orans.

Rev.: +ΑΝΔΡΟΝΙΚΟΣ... Half-length figures of Andronicus III, on l., and of Andronicus II, on r., wearing stemma, div., jewel. loros of simpl. type and sagion; between them cross on long shaft; each figure holds in r. and l. hand respectively trilobate sc.

LPC 110.5; *PCPC* 189; *Sear* 2464; *DOC V*, Class XX, pl. 36, 623: 1325 - 1332

819 24 mm / 2.30 g / 6 o'clock

Obv.: ΗΡ - ΘΥ

Rev.: ...ΑΝ...ΟΕΠΣΔΑΛΣΟ

Ref.: *PCPC* 189.1 (*this coin*); Bendall 2004a, p. 91, no. 1.

Prov.: Bendall colln., from N. Rhodes (by exchange), ex Malatya July 1969



820 22 mm / 1.74 g / 6 o'clock

Obv.: Η - Θ

Rev.: +ΑΝΔΡΝΙ...ΔΣΑΠΚΟΡΥΕΛΛ...

Ref.: *PCPC* 189.2 (*this coin*); *Sear* 2464 (*this coin*).

Prov.: Bendall colln., from Munich 1977



821 22 mm / 2.00 g / 6 o'clock

Obv.: ΗΡ

Rev.: +ΑΝ...ΠΛΟΝΝΛΟΕΛ...

Ref.: *PCPC* 189.3 (*this coin*).

Prov.: Bendall colln., from Mellon colln.



Andronicus III (1328-1341)

Constantinople

Basilicon, AR

Heavy Series

Obv.: Ιϸ Χϸ in upper field. Christ, bearded and nimbate, seated upon throne with back; r. hand in sling of cloak; l. hand Gospel resting on knee.

Rev.: ΑΝΔΡΟΝΙΚΟΣ - Γ/Θ/Α - ΔΗΜΗΤΡΙΟΣ Full-length figure of Andronicus III, bearded on l., and of St. Demetrius, beardless and nimbate. Andronicus holds both hands towards the saint, who holds cross on breast with l. hand. Emp. wears stemma, div., c-p and panelled loros of simpl. type. Saint wears tunic and himation.

LPC 118.3; *PCPC* 195; *Sear* 2471; *DOC V*, Class II, pl. 48, 858-63: 1328 - 1341

Sigla 8 B , legend circular.
PCPC 195.1/3; Sear 2471; *DOC* V, pl. 48, 858-9

822 20 mm / 2.04 g / 6 o'clock

Obv.: IC - XC

Rev.: ΑΙΔΡΟΝΙΚΟC - Γ/Ο/Δ - ΔΗΜΗΤΡΙΟC

Ref.: *PCPC* 195.1 (this coin).

Prov.: Bendall colln., from Munich Nov. 1975



823 20 mm / 1.86 g / 6 o'clock

Obv.: IC - XC

Rev.: ΔΡΟΙΚΟCII - Γ/Ο/Λ - ΔΝΑΙ...

Ref.: *PCPC* 195.3 (this coin).

Prov.: Bendall colln.



Sigla 8 B , legend columnar.

LPC 118.3; *PCPC* 195.2; *DOC* V, pl. 48, 860-3

824 20 mm / 2.05 g / 6 o'clock

Obv.: IC - XC

Rev.: Λ/Ν/Δ/Ν/Κ/ΟC to l., Γ/Ο/Λ centre above, Δ/Η/Μ/Τ to r.

Prov.: Bendall colln.



Light Series

Obv.: IC XC in upper field. Full-length figure of Christ, bearded and nimbate, standing on soupedion; r. hand on breast; l. hand Gospel. 8 B in middle and six-petalled flower and lil in lower field.

Rev.: ΔΗΜΗΤΡΙΟC - Γ/Ο/Α - ΑΝΔΡΟΝΙΚΟC Full-length figure of St. Demetrius, bearded and nimbate, on l., and of Andronicus III, bearded on r. Andronicus holds l. hand on breast St. Demetrius holds cross in r. hand, and l. hand towards the emperor. Emp. wears stemma, div., c-p and panelled loros of simpl. type. Saint wears tunic and himation.

LPC 120.5; *PCPC* (198); Sear 2473; *DOC* V, Class II, pl. 48, 871-3: 1328 - 1341

825 18 mm / 1.00 g / 6 o'clock

Obv.: IC - X

Rev.: ΔΗΜΤ... (downward) - Γ/Ο/Δ

Prov.: Bendall colln.



Obv.: IC XC in upper field. Christ, bearded and nimbate, seated upon throne with back; r. hand raised in benediction before him; l. hand Gospel.

Rev.: ΔΗΜΗΤΡΙΟC - Γ/Ο/Δ - ΑΝΔΡΟΝΙΚΟC (or var.) Three-quarter-length figure of St. Demetrius, beardless and nimbate on l., and of Andronicus III, bearded on r. St. Demetrius holds cross in r. hand, and l. hand towards the emperor. Emperor holds both hands towards saint. Emp. wears stemma, div., c-p and panelled loros of simpl. type. Saint wears tunic and himation.

LPC 118.4; *PCPC* 197; Sear 2472; *DOC* V, Class IV, pl. 48, 875-81: 1328 - 1341

Sigla lily and B , legend circular.

826 18 mm / 1.02 g / 6 o'clock

Rev.: ...ΙΜΙΙ - Γ/Ο/Δ - ΑΙΛΛΚ

Ref.: *DOC* V, pl. 48, 875-6; *PCPC* 197.2-3.

Prov.: Bendall colln.



Sigla Λ Π, legend circular.

827 16 mm / 0.82 g (clipped) / 6 o'clock

Rev.: letters uncertain - Ο/Δ - ΑΙΛΛ...

Ref.: *DOC* V, pl. 48, 878-81; *PCPC* 197.3.

Prov.: Bendall colln.



Assarion, AE

Obv.: ΝΒ (= Indiction B, 1334/5) with abbreviation mark above Ν. Star above and below.

Rev.: ΑΝΔΡΟΝΙΚΟCΔΕCΠΟΤΗC (variously arranged). Half-length figure of bearded emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.

LPC 126.12; *PCPC* 204; Sear 2480; *DOC* V, Class III, pls. 49-50, 900-7: 1334/5

Legend begins at top.

DOC V, pl. 49, 900-1

828 21 mm / 2.31 g / 6 o'clock

Rev.: ΑΝΔ - ΑΙ...ΔΙΙ...

Prov.: Old Ashmolean colln., from Beeston colln. 1960



Legend begins bottom l.

LPC 126.12; *PCPC* 204; *DOC* V, pl. 50, 902-6

829 21 mm / 2.59 g / 6 o'clock

Rev.: ΑΝΡΟ - Δ...Π

Ref.: *PCPC* 204.1 (this coin).

Prov.: Bendall colln.



- 830 22 mm / 2.04 g / 6 o'clock
Rev.: ΝΚΟCΔΕCΠΟΤΗC above
Ref.: PCPC 204.2 (*this coin*).
Prov.: Bendall colln.



Obv.: Cross ancrée with pellet in each angle.
Rev.: ΑΥΤΟΚΡΑΤΟΡ ΡΟΜΑΙΩΝ Three-quarter-length figure of bearded emperor; r. hand sc. cr.; l. hand on breast.
LPC 126.13; *PCPC* 205; Sear 2481; *DOC* V, Class IV, pl. 50, 908-12

- 831 21 mm / 1.61 g / 12 o'clock
Rev.: ΑΥΤΟΚΑΡΙ – ...ΜΤΟΙ
Prov.: Bendall colln.



Constantinople (?)

Obv.: Palaeologan monogram.
Rev.: ΔΝΚ to l., C to r. Full-length figure of emperor; r. hand sc. cr.; l. hand anaxikakia.
LPC - ; Bendall – Donald 1980, p. 47, no. 12; *PCPC* - ; Sear 2494; *DOC* V - (see pp. 546, 558)

- 832 20 mm / 2.11 g / 6 o'clock
Rev.: ΔΝΚ to l., C to r.
Ref.: Bendall 2005, pp. 90-1, figs. 1-10; idem 1997b, p. 199.
Prov.: Old Ashmolean colln.



Thessalonica

Assarion, AE

Obv.: Half-length figure of St. Michael, beardless and nimbate; r. hand sword; l. hand shield.
Rev.: ΑΝΔΡΟΝΙΚΟC/ΔΕCΠΟΤ, to l., ΙC/ΧC to r. Full-length figure of Christ, bearded and nimbate, on r., holding Gospel in l. hand; places r. hand on the head of the emperor crouching in proskynesis to l.
LPC 204.1; *PCPC* 263; Sear 2359; *DOC* V, Class I, pl. 50, 913-7

- 833 24 mm / 1.49 g / 6 o'clock
Rev.: ΙC/ΧC
Prov.: Bendall 2001



Obv.: ⊙ to l., Δ/Μ/Τ to r. Half-length figure of St. Demetrius, beardless and nimbate, wearing armour; r. hand spear.

Rev.: Α Μ above St. Michael. Three-quarter-length figure of St. Michael, beardless and nimbate, on l., turning r., and with l. hand raised in blessing over the head of the emperor, who holds two patriarchal crosses. Emp. wears stemma, div., c-p and jewel. loros of simpl. type. Saint wears tunic, breastplate and sagion.
LPC 234.2; *PCPC* 257; Sear 2482; *DOC* V, Class II, pl. 50, 918

- 834 23 mm / 1.59 g / 6 o'clock
Obv.: ⊙ to l., Δ/Μ/Τ to r.
Prov.: Bendall colln.



Obv.: Patriarchal cross with winged shaft.
Rev.: Three-quarter-length figure of emperor on l., and of beardless and nimbate saint (St. Demetrius?); between them cross on long shaft. Emp. wears stemma, div., c-p and loros; r. hand sc. cr. Saint holds in l. hand spear. Star in cloud in upper centre field.
LPC 234.3; *PCPC* 270; Sear 2483; *DOC* V, Class III, pl. 50, 919-20

- 835 19 mm / 1.02 g / 6 o'clock
Prov.: Bendall colln.



Obv.: Half-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand hilt of sword (?); l. hand shield.
Rev.: Emperor seated upon throne without back; r. hand patriarchal cross; l. hand sc.? Β in r. field. *Manus Dei* in upper r. field.
LPC 236.5; *PCPC* 269; Sear 2485; *DOC* V, Class V, pl. 51, 922-6

- 836 23 mm / 1.48 g / 6 o'clock
Prov.: Bendall colln., from Dumbarton Oaks (by exchange), ex Bertelè colln.



Obv.: Γ/ΑΛ to l., Δ/Η/Τ to r. Half-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand shield.
Rev.: Three-quarter-length figure of bearded emperor wearing stemma, div., c-p and loros, holding in both hands large patriarchal cross.
LPC 236.6; *PCPC* 271; Sear 2486; *DOC* V, Class VI, pl. 51, 927-8

837 24 mm / 1.62 g / 6 o'clock
Prov.: Baldwin 2001



838 23 mm / 1.14 g
Obv.: Brockage of the reverse.
Prov.: Bendall 2001



Obv.: O/ΑΓ/ΙΟ to l., Δ/Μ/ΗΤ/Ρ to r. St. Demetrius, beardless and nimbate, seated upon throne without back; holds sword across knees.
Rev.: Three-quarter-length figure of emperor wearing stemma, div., c-p and loros; l. hand sc. cr.; r. hand large lily. Seven (?) stars in field.
LPC 238.7; PCPC 272; Sear 2487; DOC V, Class VII, pl. 51, 929

839 19 mm / 1.41 g / 12 o'clock
Obv.: Δ/... to r.
Prov.: Baldwin 2001



Obv.: Nimbate bust between Β Β .
Rev.: Three-quarter-length figure of bearded emperor, wearing stemma, div., c-p and loros, between two large stars and Β Β . Emp. holds in r. hand sc. cr.
LPC 240.11; PCPC 261; Sear 2490; DOC V, Class X, pl. 51, 931-2

840 22 mm / 2.20 g
Prov.: Bendall 2001



841 19 mm / 1.16 g
Obv.: Brockage of the reverse.
Prov.: Baldwin 2001



Obv.: St. Demetrius, beardless and nimbate, riding on horseback to r. Two stars in upper field, and an uncertain feature to r. (a gate or the walls of Thessalonica?)
Rev.: Full-length figure of emperor riding on horseback to r.; r. hand sc. cr. Star in upper r. field.
LPC 242.15; PCPC 267; Sear 2499; DOC V, Class XIV, - (see p. 171, table 22, 14): 1328 - 1341

842 21 mm / 1.76 g / 6 o'clock
Ref.: Morrisson 2003, fig. 45 (*this coin*); Bendall – Nicol 1977, p. 97, no. 1, pl. 9, no. 1.
Prov.: Old Ashmolean colln., ex C.W.C. Oman 30/12/1896 (gift?)



Obv.: Palaeologan monogram.
Rev.: ΔΗΜΗ (?) – ΑΝΔΡ (?) above. Half-length figure of St. Demetrius, beardless and nimbate, on l., and of bearded emperor; between them staff surmounted by large lily. Saint holds in r. hand spear. Emp. holds in l. hand sc. cr.
LPC - ; PCPC - ; Sear - ; DOC V, Class XVIII, pl. 51, 936-40

843 21 mm / 1.93 g / 12 o'clock
Rev.: ...Τ – ...Ν
Prov.: Bendall 2001



844 20 mm / 1.58 g
Obv.: Brockage of the reverse.
Rev.: all letters indistinct
Prov.: Bendall colln., ex Bertelè colln.



John V (1341-1391) Phase I (1341-1347): The Regency and Civil War (Anna and John V)

Constantinople

Hyperpyron, AV

Obv.: ANNA upward to l., Ι/Ω downward in centre, ΕΝΧΩ downward to r. Full-length figure of Anna on l., and of John; Anna wears stemma, div., c-p and loros; r. hand trilobate sc.; l. hand on breast. John similarly dressed; l. hand sc.; r. hand anexikakia (as rev. in *DOC*).
Rev.: ΑΝΔΡΟΝΙΚΟC vertically to l., ΙC/ΧC to r. Three-quarter-length figure of Andronicus III wearing stemma, div., c-p and loros, on l., kneeling before Christ, bearded and nimbate, who holds his r. hand above him in benediction (as obv. in *DOC*).
LPC 116.1; PCPC 190; Sear 2466; DOC V, pl. 52, 942-3: 1341 - 1347

Var. 2

845 23 mm / 4.13 g / 6 o'clock

Obv.: Γ to l.

Rev.: IC/XC I/NI/K to l.

Ref.: *DOC V*, pl. 52, 943.

Prov.: Bendall colln., from Leu auction 13, 29-30/4/1975, Lot 767, Mellon colln.,



Basilicon, AR

Obv.: ΙΨΛCΣΠΟ – ΟΠΛΛCΛ. IC XC in upper field. Bust of Christ, bearded and nimbate, with outstretched arms above Three-quarter-length figure of John V wearing stemma, div., c and loros, and holding in r. hand labarum-headed sc. (?), and in l. gl. cr. (as rev. in *DOC*).

Rev.: ΔΗ/Μ – Γ/Ο/Δ – ΑΜ/Δ, or var. Three-quarter-length figure of St. Demetrius, beardless and nimbate on l., and of Andronicus III. Saint wears tunic and himation, and holds cross with r. hand on breast, his l. hand towards Andronicus. Emp. wears stemma, div., c-p and loros, and holds l. hand towards the saint (as obv. in *DOC*).

LPC 120.7; *PCPC* 199; Sear 2474; *DOC V*, Class I (transitional issue), pl. 52, 944: late summer of 1341

846 19 mm / 1.22 g / 6 o'clock

Obv.: ΙΨΛCΣΠΟ – ΟΠΛΛCΛ

Rev.: ΔΗ/Μ – Γ/Ο/Δ – ΑΜ/Δ

Prov.: Bendall colln.



Obv.: IC XC in upper field. Christ, bearded and nimbate, seated upon throne with back; r. hand in sling of cloak; l. hand Gospel.

Rev.: ANNA to l., I/Ω in centre, ΕΝΧΩ to r. Full-length figure of Anna on l., and of John. Anna wears stemma, div., c-p and loros, holds trilobate sc. in r. hand, and places l. hand on breast. John similarly dressed, holds sc. cr. in l. hand, and anexikakia in r.

LPC 132.2; *PCPC* (277); Sear 2503; *DOC V*, Class IV, pls. 53-60, 966-1144: c. 1342 - c. 1345

Heavy Series (c. 1.10 g)

847 21 mm / 1.14 g / 12 o'clock

Obv.: IC –

Rev.: ΑΜΙΑ on l., I/Ω centre

Ref.: *DOC V*, pls. 53-7, 966-1078.

Prov.: Old Ashmolean colln., from D.R. Walker colln.



Phase II (1347-1353): John V and John VI Cantacuzene

Constantinople

Hyperpyron, AV

Obv.: Μ Θ in upper field. Half-length figure of Virgin nimbate, orans within the walls of Constantinople with four towers.

Rev.: ΙΩΕΝΚΩ downward to l. and r. Full-length figure of Christ, bearded and nimbate, with hands above the heads of the two kneeling figures of John V and John VI, who wear stemma, div., c-p and jewel. loros of simpl. type. Both hands of the emperors towards Christ.

LPC 138.1; *PCPC* 285; Sear 2526; *DOC V*, pl. 63, 1193: 1347 - 1353

Siglon: 2

848 26 mm / 3.94 g / 6 o'clock

Obv.: Θ

Rev.: IC – Χ ΙΚ downward on l., ...NK: downward on r.

Prov.: Bendall colln.



Siglon: 1b

849 24 mm / 4.28 g / 6 o'clock

Obv.: Μ – Θ

Rev.: IC – ΧC ΙΙΙΙ downward on l., ΙΙΙΙΚΩ downward on r.

Ref.: Bendall 2004b, p. 297, C.

Prov.: Bendall colln.



Basilicon, AR

Obv.: IC XC in upper field. Full-length figure of Christ, bearded and nimbate, in mandorla broken by a geometrical figure; r. hand raised in benediction; l. hand Gospel.

Rev.: ΩCNXΩ on l., or var. Full-length figure of John VI, on l., and of John V wearing stemma, div., c-p and panelled loros of simpl. type; between them cross on long shaft.

LPC 140.3; *PCPC* 288; Sear 2528; *DOC V*, Class II, - (see p. 184, 2): 1347 - 1353

850 21 mm / 1.47 g / 6 o'clock

Obv.: X

Rev.: ΩCNXΩ on l.

Ref.: *PCPC* 288.1 (*this coin*); Bendall 1988c, p. 311, no. 7 (*this coin*).

Prov.: Bendall colln., from Munich 1985



Obv.: $\overline{\text{IC}} \overline{\text{XC}}$ in upper field. Christ, bearded and nimbate, seated upon throne without back; hand raised in benediction; Gospel in l. hand. $\Theta \text{ B}$ in centre field; $\times \text{HX}$ in lower l. and r. field
Rev.: $\text{KHT} - \omega\lambda - \Lambda\Lambda\text{P}$, or var. Full-length figure of John VI, on l., and of John V wearing stemma, div., c-p and panelled loros of simpl. type; between them anexikakia. Both hold in their free hand sc. cr.

LPC - ; *PCPC* - ; *Sear* - ; *DOC V*, Class VI, - (see pp. 184-5, 6): 1347 - 1353

851 21 mm / 1.14 g / 6 o'clock

Obv.: $\text{IC} - \overline{\text{XC}}$

Rev.: $\text{KHT} - \omega\lambda - \Lambda\Lambda\text{P}$

Ref.: Bendall 1997a, pp. 154-5, fig. 1 (*this coin*).

Prov.: Bendall colln.



Tornese, Billon

Obv.: Long cross with $\ast\Theta \text{ B} \ast$ in quarters above and below.

Rev.: Uncertain legends to l. and r., $\Delta\epsilon\sigma/\text{ΠO}/\text{Tl}$ in centre. Three-quarter-length figures of two emperors wearing stemma, div., c-p and loros; between them labarum (?) above a deep crescent. Emp. on l. holds labarum-headed sc. (?).

LPC 144.8; *PCPC* (293); *Sear* 2533; *DOC V*, pl. 63, 1197: 1347 - 1353

852 19 mm / 0.56 g / 6 o'clock

Rev.: K on l.

Prov.: Bendall colln.



Adrianople or Didymoteicho

Basilicon, AR

Obv.: M/TN/O, /O , to l., ΛH to r., or var. Full-length figure of military saint (St. Demetrius), beardless and nimbate; r. hand spear; l. hand shield.

Rev.: $\dots\text{HX} - \text{ΠAO}$, or var. Full-length figure of John VI, on l., and of John V wearing stemma, div., c-p and panelled loros of simpl. type; between them anexikakia. Both hold in their free hand labarum-headed sc.

LPC - ; *PCPC* - ; *Sear* - ; *DOC V*, Class VII, - (see p. 185, 7): 1347 - 1352

853 17 mm / 0.59 g / 12 o'clock

Obv.: M/TN/O, /O , to l., ΛH to r.

Rev.: $\dots\text{HX} - \text{ΠAO}$

Ref.: Bendall 1997a, pp. 154-5, fig. 2 (*this coin*).

Prov.: Bendall colln.



Phase IV (1354-1376): John V's Middle Years

b) Politikon and Related Coins

Constantinople

Politikon, Billon

Obv.: +ΠOΛITIKON in double border around the nimbate bust of Virgin orans between $\text{M} \Theta$.

Rev.: A/N/Δ/N to l., Γ/O/A in centre, $\Delta\text{M/H/N}$ to r. Three-quarter-length figure of Andronicus III on l., and of St. Demetrius, beardless and nimbate. Emp. wears stemma, div., c-p and loros; both hands towards the saint. St. Demetrius wears tunic and himation, and holds with l. hand cross on breast.

LPC 180.1; *PCPC* 355; *Sear* 2570; *DOC V*, Class II, pl. 49, 885 (under Andronicus III)

854 18 mm / 0.64 g / 6 o'clock

Obv.: +ΠOΛ...T...KOI

Rev.: K to l., Γ/O/A in centre

Ref.: *PCPC* 355.1 (*this coin*); *Sear* 2570 (*this coin*).

Prov.: Bendall colln.



855 18 mm / 0.59 g / 6 o'clock

Obv.: ΠOΛI...KOI Lily at the beginning of legend.

Rev.: A/N/Δ to l., Δ in centre

Ref.: *PCPC* 355.3 (*this coin*).

Prov.: Bendall colln.



856 17 mm / 0.54 g / 6 o'clock

Obv.: +ΠOΛI...KON

Rev.: AIIA on l., O/A in centre

Ref.: *PCPC* 355.2 (*this coin*).

Prov.: Bendall colln., from A. Malloy



Obv.: +ΠOΛITIKON in double border around cross.

Rev.: Three-quarter-length figure of St. Demetrius on l., and of emperor.

LPC - ; *PCPC* 367; *Sear* - ; *DOC V*, Class IV, - (see p. 194, table 25, 4)

857 16 mm / 0.29 g / 6 o'clock

Obv.: ...OΛITI...

Ref.: *PCPC* 367.1 (*this coin*).

Prov.: Bendall colln.



Obv.: +ΠΟΛΙΤΙΚΟΝ in double border around Palaeologan monogram.
Rev.: Δ/Η/Τ/Ρ to l., or var. Three-quarter-length figure of St. Demetrius, beardless and nimbate, on l., and of emperor wearing stemma, div., c-p and loros. Saint wears tunic and himation, and holds cross before chest.
LPC 182.3; *PCPC* 358; *Sear* 2576; *DOC* V, Class V, - (see p. 194, table 25, 5)

858 19 mm / 0.92 g
Obv.: ΚΟΙΙ on l.
Rev.: Δ/Η/Τ/Ρ to l.
Prov.: Bendall colln.



Obv.: +ΠΟΛΙΤΙΚΟΝ in double border around cross.
Rev.: City walls with gabled centre and two side-towers, cross, and two pellets above, stem with trefoil attached to each side.
LPC 184.7; *PCPC* 362; *Sear* 2578; *DOC* V, Anonymous, Class VII, pl. 63, 1209-14

859 17 mm / 0.61 g / 12 o'clock
Obv.: +ΠΟΛΙ...ΚΟΙΙ
Ref.: *PCPC* 362.1 (this coin); *Sear* 2578 (this coin).
Prov.: Bendall colln.



860 17 mm / 0.72 g / 6 o'clock
Obv.: ΟΛΙΤΙΚΟΙΙ
Ref.: *PCPC* 362.2 (this coin).
Prov.: Bendall colln.



Obv.: +ΠΟΛΙΤΙΚΟΝ in double border around a cross with stars in upper quarters and Β 8 in lower quarters.
Rev.: City walls with gabled centre and two side-towers, cross and two stars above.
LPC 186.8; *PCPC* 363; *Sear* 2579; *DOC* V, Anonymous, Class VIII, - (see p. 195, table 25, 8)

861 15 mm / 0.30 g / 6 o'clock
Obv.: ΠΟΛΙΤΙΚΟΙΙ
Ref.: *PCPC* 363.1 (this coin).
Prov.: Bendall colln., from Cahn auction 75, 30/5/1932, lot 1749



862 17 mm / 0.40 g
Prov.: Bendall colln.



Obv.: +ΠΟΛΙΤΙΚΟΝ in double border around cross.
Rev.: Two-headed eagle with spread wings.
LPC 186.9; *PCPC* 364; *Sear* 2580; *DOC* V, Anonymous, Class IX, pl. 64, 1215-7

863 15 mm / 0.57 g / 6 o'clock
Obv.: +ΠΟΛΙΤΙΚΟ
Ref.: *PCPC* 364.1 (this coin).
Prov.: Bendall colln.



Obv.: +ΠΟΛΙΤΙΚΟΝ in three lines.
Rev.: Three keys separated by lines of three pellets, with triangle of three pellets above and below.
LPC 186.10; *PCPC* 365; *Sear* 2581; *DOC* V, Anonymous, Class X, pl. 64, 1218-21

864 19 mm / 0.65 g / 9 o'clock
Obv.: ...ΛΙΤΙΚΟΝ
Ref.: *PCPC* 365.1 (this coin); *Sear* 2581 (this coin).
Prov.: Bendall colln.



Obv.: +ΠΟΛΙΤΙΚΟΝ in three lines.
Rev.: Cross with four Β s, and four groups of pellets in quarters.
LPC 186.11; *PCPC* 366; *Sear* 2582; *DOC* V, Anonymous, Class XI, - (see p. 195, table 25, 11)

865 13 mm / 0.38 g
Obv.: Brockage of the reverse.
Ref.: *PCPC* 366.1 (this coin).
Prov.: Bendall colln., from G. Zacos colln.



Politikon, AE

Obv.: +ΠΟΛΙΤΙΚΟΝ in double border around cross.
Rev.: ΙΩ/Σ/Δ/Σ/Π/ΤΙ to r., Ο/Π/Α/ΛΕ/ΟΛ to l. Full-length figure of emperor wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand labarum-headed sc.; l. hand gl. cr.
LPC 182.4; *PCPC* 359; *Sear* 2574; *DOC* V, Class XVI, pl. 64, 1224-5

866 21 mm / 2.25 g / 12 o'clock
Obv.: +ΠΟΛΙΤΙΚΟΙΙ
Rev.: ΙΩ/Δ/... to r., Ο/Π/Α/ΛΕ to l.
Ref.: *PCPC* 359.1 (this coin); *Sear* 2574 (this coin).
Prov.: Bendall colln., from G. Zacos colln.



Stamenon, AE

Obv.: O/A/Γ/O/S to l., Γ/Ε/Β/Γ/O/S to r. Full-length figure of St. George, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand shield.

Rev.: ΙΩ/ΕΙ/ΧΩ/ΤΩ/ΘΕ to l., Δ/Ε/Σ/ΠΟ/Τ/Σ to r. Full-length figure of emperor wearing stemma, div., c-p and loros; r. hand sc. cr.; l. hand gl. cr.

LPC 150.1; PCPC 308; Sear 2513; DOC V, pl. 64, 1226-7: 1354 - 1367

867 22 mm / 2.10 g / 6 o'clock

Obv.: Γ/Β/Γ/O/S to r.

Rev.: ΙΩ/ΣΙ/ΧΩ/ΤΩ to l.

Ref.: PCPC 308.1 (*this coin*).

Prov.: Bendall colln., from Munich



c) John V and Anna of Savoy (Thessalonica), 1352-1365

Assarion, AE

Obv.: Three-quarter-length figure of John V wearing stemma, div., c-p and loros; r. hand anexikakia; l. hand labarum-headed sc. *Manus Dei* in upper l. field.

Rev.: Three-quarter-length figure of Anna wearing stemma, div., c-p and loros; r. hand model of city with towers; l. hand sc. Α in field l. and r.

LPC 250.5; PCPC 313; Sear 2521; DOC V, Class II, - (see p. 198, 2): 1352 - 1365

868 18 mm / 1.40 g / 12 o'clock

Ref.: PCPC 313.1 (*this coin*); Bendall – Nicol 1977, pl. IX, no. 9 (*this coin*).

Prov.: Bendall colln., from Pella hoard



Obv.: Full-length figure of bearded emperor wearing stemma, div., c-p and loros; r. hand trefoil-headed sc.; l. hand anexikakia. *Manus Dei* in upper r. field. Ε in l. field.

Rev.: Full-length figure of Anna wearing stemma, div., c-p and loros; r. hand model of city; l. hand trefoil-headed sc. Α in field l. and r.

LPC 250.6; PCPC (314); Sear 2522; DOC V, Class III, pl. 64, 1228: 1352 - 1365

869 20 mm / 1.66 g / 12 o'clock

Prov.: Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4243a, 26/4/1945



e) The Earliest Stavrata and Related Issues, 1367-1376

Constantinople

Stavraton, AR

Obv.: ΙC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in sling of cloak; l. hand Gospel.

Rev.: +ΙΩ ΔΕΣΠΟΤΙΣ Ο ΠΑΛΕΟΛΟΓΟΣ – +ΘΥ ΧΑΡΙΤΙ ΒΑΣΙΛΕΥΣ ΤΩΝ ΡΟΜΕΟΝ Bust of emperor, bearded and nimbate, wearing domed crown and collar with three tippets.

LPC 154.2; PCPC 306; Sear 2510; DOC V, Class II (legend starts outside), pl. 65, 1235-41: 1367 - 1376

Pellets in obv. field only

PCPC 306.1/2; DOC V, pl. 65, 1235-7

870 27 mm / 8.50 g / 6 o'clock

Obv.: ΙC – XC

Rev.: +...ΣΠΟΤΙΣΟΠΑΛΕΟΛΟΓΟΣ – ΘΥΧΑΡΙΤΙΒΑΣΙΛΕΥΣΤΩΝΡΩΜΕΩΝ

Ref.: PCPC 306.1 (*this coin*); Bendall 1988c, p. 311, no. 10 (*this coin*).

Prov.: Bendall colln., from Bement colln.



Stars both obv. and rev.

PCPC 306.3; DOC V, pl. 65, 1240-1

871 27 mm / 8.58 g / 12 o'clock

Obv.: ΙC – XC

Rev.: +ΙΩΔΕΣΠΟΤΙΣΟΠΑ – ΘΥΧΑΡΙΤΙΒΑΣΙΛΕΥΣΤΩΝΡΩΜΕΩΝ

Ref.: PCPC 306.3 (*this coin*).

Prov.: Bendall colln.



872 27 mm / 8.40 g / 6 o'clock

Obv.: ΙC – XC

Rev.: +ΙΩ...ΔΛ...ΟΓΟΣ – ΘΥΧΑΡΙΤΙΒΑΣΙΛΕΥΣΤΩΝΡΩΜΕΩΝ

Prov.: Old Ashmolean colln., from Baldwin, ex Lord Grantley auction 6/10/1944



One-eighth stavraton, AR

Obv.: IC XC in field. Bust of Christ, bearded and nimbate; r. hand in sling of cloak; l. hand Gospel.

Rev.: +IWD̄ESP̄OTH̄COP̄AL̄ĒŌΛ̄ŌΓ̄ŌC Bust of emperor, bearded, wearing domed crown and collar with three tippets.

LPC 154.3; PCPC 307; Sear 2512; DOC V, pl. 66, 1242-50: 1367 - 1376

0 COTIP clockwise

PCPC 307.2; DOC V, Group I, pl. 66, 1242

873 16 mm / 1.02 g / 6 o'clock

Obv.: IC - XC OC...TIP

Rev.: ΔCCΠOIIIOPAC...

Ref.: PCPC 307.2 (this coin).

Prov.: Bendall colln.



874 16 mm / 1.03 g / 6 o'clock

Obv.: IC - XC O COTIP

Rev.: IIIIIΠOIIICOP...

Prov.: Bendall colln.



875 16 mm / 1.02 g / 6 o'clock

Obv.: IC - XC O...OTIP

Rev.: ·IWD̄CC̄ΠOIIICOP̄A...

Prov.: Bendall colln.



0 COTIP counterclockwise

PCPC - ; DOC V - , Group II (see p. 202)

876 16 mm / 1.03 g / 6 o'clock

Obv.: IC - XC O COTIP

Rev.: +IWD̄CC̄Π...COP̄AL...

Prov.: Bendall colln.



877 16 mm / 1.07 g / 12 o'clock

Obv.: IC - X̄ O COIIP

Rev.: ·IWD̄IIIIICOP̄AIII...

Prov.: Bendall colln.



Two pellets on obv., 0 COTIP counterclockwise

DOC V, Group III, pl. 66, 1243

878 16 mm / 1.01 g / 6 o'clock

Obv.: I - XC O COTIP

Rev.: ...ΔCC̄ΠŌTIC̄OP̄AL̄ĒŌΛI...

Prov.: Bendall colln.



Two pellets on both fields, 0 COTIP counterclockwise

DOC V, Group IV, pl. 66, 1244-6

879 16 mm / 1.06 g / 12 o'clock

Obv.: IC - XC IP

Rev.: IWD̄CC̄IIOT̄IIOP̄ALIO...C

Prov.: Bendall colln.



Two pellets on both fields

PCPC 307.6; DOC V, Group V, pl. 66, 1247-8a

880 16 mm / 1.08 g / 12 o'clock

Obv.: C - XC

Rev.: IWD̄IIIP̄O... IIIIIIIII II

Prov.: Bendall colln.



Two stars on both fields

PCPC 307.4/5; DOC V, Group X, pl. 66, 1249-50

881 15 mm / 1.00 g / 6 o'clock

Obv.: IC - X̄

Rev.: IWD̄IIIP̄OT...OP̄AL...Γ

Prov.: Old Ashmolean colln., from Baldwin, ex Lord Grantley auction 6/10/1944



882 16 mm / 1.03 g / 12 o'clock

Obv.: IC - XC

Rev.: IUNIIIIITIII...OΛO...

Prov.: Bendall colln.



883 16 mm / 1.03 g / 6 o'clock

Obv.: IC - X̄

Rev.: IYLIIP̄OT...

Prov.: Bendall colln.



884 17 mm / 0.82 g / 12 o'clock

Obv.: IC - XC

Rev.: ·VLIIP̄OT...

Ref.: PCPC 307.5 (this coin).

Prov.: Bendall colln., from G. Zacos colln.



885 15 mm / 1.06 g / 12 o'clock

Obv.: IC - X̄

Rev.: YLIIP̄OTIC̄-OP̄AL

Ref.: PCPC 307.4 (this coin).

Prov.: Bendall colln.



886 13 mm / 0.66 g (worn) / 12 o'clock

Obv.: IC

Prov.: Bendall colln.



Thessalonica

Stamenon (?), AE

Obv.: Three-quarter-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand shield. Long cross with three cross-arms on either side in field.

Rev.: Full-length figure of emperor wearing stemma, div., c-p and loros; r. hand haloed cro l. hand model of a city. *Manus Dei* in upper l. field. Large star in lower r. field. *LPC* 238.8 (incorrect illustration); *PCPC* 317; *Sear* 2525; *DOC* V, Class I, - (see p. 203, 1) 1367 - 1376

887 17 mm / 0.93 g / 6 o'clock

Ref.: *PCPC* 317.1; Gerasimov 1969, p. 112, no. 37, p. 116, no. 2.

Prov.: Bendall colln.



Assarion, AE

Obv.: Full-length figure of emperor, bearded and nimbate, standing on l., wearing stemma, div., c-p and loros; r. hand sc. cr.; l. hand small cross towards elaborate construction on r.

Rev.: OA/.../T (or var.) above. Three soldiers on l. thrusting spears into the seated, nimba figure of St. Demetrius, who throws up his hands as he falls forward. *LPC* 262.5; *PCPC* 320; *Sear* 2593; *DOC* V, Class IV, pl. 66, 1251-4: c. 1365 - 1376

888 20 mm / 2.64 g / 6 o'clock

Rev.: OA/T above

Ref.: Motsianos – Polychronaki 2000, pp. 211-31.

Prov.: Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley auction, lot 4242, 26/4/1945



889 19 mm / 1.87 g / 12 o'clock

Rev.: CYAC/C/T centre above

Prov.: Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley auction, lot 4242, 26/4/1945



**Phase V (1376-1379): Andronicus IV
Constantinople**

One-eighth stavraton, AR

Obv.: Christ, bearded and nimbate, seated upon throne with back.

Rev.: ΛΙΔ – ΟCΕ (or var.) Three-quarter-length figure of emperor; r. hand sc. cr. *LPC* 152.2; *PCPC* 325; *Sear* 2545; *DOC* V, Class I, - (see pp. 208-9): 1376 - 1379

890 14 mm / 0.69 g / 4 o'clock

Rev.: ΛΙΔ – ΟCΕ

Prov.: Bendall colln.



Tornese, AE

Obv.: +ΑΝΔΡΟΝΙΚΟΝΔΕCΠΟΤΟΝ Legend in double border around Palaeologan monogram.

Rev.: Full-length figure of Andronicus IV and of St. Demetrius, both nimbate, riding r. Emp. holds cross over r. shoulder.

LPC 152.3; *PCPC* 324; *Sear* 2547; *DOC* V, pl. 66, 1258-60: 1376 - 1379

891 19 mm / 1.85 g / 6 o'clock

Obv.: ΟΗΙΚΟΝΤΟΝ

Ref.: *PCPC* 324.2 (*this coin*); Bendall 1988b, pp. 246-7.

Prov.: Bendall colln., from Goodman Geneva, from Russian colln. (c. 1900-16)



Thessalonica

Stamenon, AE

Obv.: Γ/ΟΑ to l., Δ/Μ/Τ to r., or var. Full-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand shield. Stars in field.

Rev.: Full-length figure of a saint (?) on l., bearded and nimbate, raising r. hand in salutation toward the emperor, bearded and nimbate, who holds in l. hand model of city. Stars in field.

LPC 256.1; *PCPC* 319; *Sear* 2592; *DOC* V, Class III, - (see pp. 209-10)

892 20 mm / 1.25 g / 12 o'clock

Obv.: Γ/Α to l., Μ/ΤΡ to r.

Prov.: Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4242, 26/4/1945, Olynthos



- 893 21 mm / 2.19 g / 1 o'clock
Obv.: Γ/ΘΑ to l., Δ/Μ/Τ to r.
Prov.: Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4242, 26/4/1945



Phase VI (1379-1391): John V's Last Years Constantinople

Stavraton, AR

Obv.: IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in sling of cloak; l. hand Gospel.

Rev.: ΗΩ ΔΕΣΠΟΤΙΣ Ο ΠΑΛΕΟΛΟΓΟΣ – ΘΥ ΧΑΡΙΤΙ ΒΑΣΙΛΕΥΣ ΤΩΝ ΡΩΜΕΩΝ, but (ΚΑΙ or ΚΕ) ΑΥΤΟΚΡΑΤΟΡ was subsequently added. Bust of emperor, bearded and nimbate, wearing domed crown and three-lobed tippet, in a double circle of legend starting outside.

LPC 154.2; PCPC 327; Sear 2510 var.; DOC V, pls. 67-9, 1261-97: 1379 - 1391

With Κ and Φ
no *autokrator*

- 894 26 mm / 8.08 g / 12 o'clock
Obv.: IC – XC
Rev.: ΑΣΣΠΠΙΣΟΠΛΛ – ΘΥΧΑΡΙΤΟΟΒ ΑΣΙΤΟΡΑΤΟ
Ref.: *DOC V*, pl. 67, 1261-4; *PCPC 327.3* (this coin).
Prov.: Bendall colln.



With two lilies

ke autokrator normally after Paleologos

- 895 26 mm / 8.09 g / 6 o'clock
Obv.: IC – XC
Rev.: ΤΟΚΡΑΤΟΡΘΥΧΑΡΙΒ ΑΣΙΛΕΥ
Ref.: *DOC V*, pl. 68, 1278-88; *PCPC 327.2*.
Prov.: Bendall colln.



- 896 26 mm / 8.25 g / 6 o'clock
Obv.: IC – XC
Rev.: ΙΩΑ – ΤΟΚΡΑΤΟΡΘΥΧΑΡΙΤΙΒ ΑΣΙΛΕΥ
Ref.: *DOC V*, pl. 68, 1278-88; *PCPC 327.2* (this coin).
Prov.: Bendall colln., from Mellon colln.



- ke autokrator nominally at end of legend*
897 27 mm / 8.61 g / 6 o'clock
Obv.: IC – XC
Rev.: +ΙΩΑΝ...ΓΟΣ – ΘΥΧΑΡΙΤΙΒ ΑΣΙΛ... ΤΩΝ ΡΩΜΕΩΝ
Ref.: *DOC V*, pl. 68, 1278-88; *PCPC 327.1* (this coin).
Prov.: Bendall colln., from Bank Leu 1975, from Mellon colln.



ΕΦ or Ε/ΦC with *autokrator*

With Ε Φ only

- 898 26 mm / 7.99 g / 6 o'clock
Obv.: IC – XC
Rev.: ΟΤΙΣΟΠ...ΤΟΚΡΑΤ – ... ΣΙΛΕΥΤΩΝ ΡΩΜΕΩΝ
Ref.: *DOC V*, pl. 69, 1291-4; *PCPC 327.4*.
Prov.: Bendall colln.



- 899 26 mm / 8.25 g / 12 o'clock
Obv.: IC – XC
Rev.: ΧΑΡΙΤΙΒ ΑΣΙΛΕΥΤΩΝ.
Ref.: *DOC V*, pl. 69, 1291-4; *PCPC 327.4* (this coin).
Prov.: Bendall colln., ex Ratto auction, lot 2266



With Ε/Φ C

- 900 27 mm / 7.75 g / 6 o'clock
Obv.: C – X
Rev.: ΡΟΟΠΑΛΕΟΛΟΓΟΣ
Ref.: *DOC V*, pl. 69, 1295-7; *PCPC 327.5* (this coin).
Prov.: Bendall colln.



Half-stavraton, AR

Obv.: Θ/Δ/Η/Τ to r. Full-length figure of St. Demetrius, beardless and nimbate, brandishing sword, galloping r.

Rev.: +ΙΩΔΕΣΠΟΤΗΣΟΠΑΛΕΟ... Bust of emperor, bearded and nimbate, wearing domed crown and three-lobed tippet; l. hand sc. cr. Pellet in l. field.

LPC 168.1; PCPC 328; Sear 2511; DOC V, Class I, pl. 69, 1298-300: 1379 - 1391

- 901 20 mm / 3.59 g (pierced) / 6 o'clock
Obv.: Θ/Δ/Η/Τ to r.
Rev.: +ΙΩΔΕΣΠΟΤΗΣΟΠΑΛΕΟ...
Prov.: Old Ashmolean colln., from Baldwin, ex Lord Grantley auction 6/10/1944



Tornese, AE

Obv.: Three-quarter-length figure of St. Constantine on l., and of St. Helena, both nimbate; between them a so-called Slavic cross.

Rev.: +ΙΩΑΝΝΙΝΟΝΧΩΤΩ... Bust of emperor, bearded and nimbate, wearing domed crown and three-lobed tippet; l. hand sc. cr. over l. shoulder.

LPC 170.2 (as John VII); *PCPC* 330; *Sear* 2514; *DOC V*, pl. 69, 1302-4

902 18 mm / 1.78 g / 12 o'clock

Prov.: Old Ashmolean colln., from Baldwin, ex Lord Grantley auction 6/10/1944



Manuel II (1391-1425)

Constantinople

Stavraton, AR

Obv.: ΙC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.

Rev.: +ΜΑΝΟΝΗΛΕΝΧΑΥΤΟΚΡΑΤΟΡ – ΟΠΑΛΕΟΛΟΓΟΣΘΥΧΑΡΙΤΙ (or var.) Bust of emperor, bearded and nimbate, wearing crown (with pendilia) and scalloped tippet.

LPC 160.1; *PCPC* 332; *Sear* 2548; *DOC V*, Class I - Heavy Coinage, pl. 70, 1305-10: 1391 1394/5

Siglon: Bendall-3; *DOC*-a
PCPC 332.1; *DOC V*, pl. 70, 1305

903 25 mm / 8.20 g / 6 o'clock

Obv.: ΙC – XC

Rev.: ΙΟΝΗΛΕΙΧ... – ΤΟΚΡΑΤΟΡΟΠΑΛΕΟΛ (both retrograde)

Ref.: *PCPC* 332.1 (this coin).

Prov.: Bendall colln.



Siglon: B ∴ in obv. field
PCPC - ; *DOC V* -

904 26 mm / 7.89 g / 6 o'clock

Obv.: ΙC – XC

Rev.: ...ΝΟ...ΑΥΤΟΚΡΑΤΟ – ΟΠΑΛΕΟΛΟΓΟΣΘΥΧΑΡΙΤ (same rev. die as *DOC V*, 1306)

Prov.: Bendall colln.



Obv.: ΙC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.

Rev.: +ΜΑΝΟΝΗΛΔΕΣΠΟΤΗΣΟΠΑΛΕΟΛΟΓΟΣ –

+ΘΥΧΑΡΙΤΙΒ ΑΣΙΛΕΥΣΤΟΝΡΟΜΕΟΝ Bust of emperor, bearded and nimbate, wearing crown (with pendilia) and scalloped tippet.

LPC 160.1; *PCPC* 332; *Sear* 2549; *DOC V*, Class II - Light Coinage, pl. 73, 1396-411: 1403 - 1425

Siglon: Bendall-7, *DOC*-d
PCPC 332.4; *DOC V*, pl. 73, 1398-400

905 25 mm / 6.90 g / 6 o'clock

Obv.: C – XC

Rev.: ΥΗΛΔΕΣΠΟΤ –

+ΘΥΧΑΡΙΤΗΒ ΑΕΙΛΕΥΤΩΝΡΟΜΑΙ

Ref.: *PCPC* 332.4 (this coin).

Prov.: Bendall colln., from Gorlu hoard



906 24 mm / 6.74 g / 6 o'clock

Obv.: ΙC – XC

Rev.: ...ΛΕ...ΟΤΗΣ...ΛΕΟΛ –

+ΘΥΧΑΡΙΤΗΒ ΑΣΙΛΕΥΣΤΩΝΡΩΙ

Prov.: Bendall colln.



Siglon: Bendall-12, *DOC*-e
PCPC 332.8; *DOC V*, pl. 73, 1401-2

907 24 mm / 7.01 g / 6 o'clock

Obv.: ΙC – XC

Rev.: +ΜΑΙ...ΛΟΓΟΣΘΥ –

+ΧΑΡΗΤΗΒ ΑΣΙΛΕ...ΡΥΜ

Ref.: *PCPC* 332.8 (this coin).

Prov.: Bendall colln., from Gorlu hoard



Siglon: Bendall-13, *DOC*-f
PCPC 332.9; *DOC V*, pl. 73, 1403-5

908 25 mm / 6.95 g / 12 o'clock

Obv.: ΙC – XC

Rev.: +ΜΑΝΟΝΗΛΔΕΣΠΟΤΗΣ –

+ ΧΑΡΗΤΗΒ ΑΣΙΛΕΥΣΤΟΝΡΟΜΕΟΙ

Ref.: *PCPC* 332.9 (this coin).

Prov.: Bendall colln., from Gorlu hoard



- 909 26 mm / 7.02 g / 6 o'clock
Obv.: IC – XC
Rev.: ΗΛΑΕΣΠΟΤΗΣ·ΟΠΑΛ... –
 + ΧΑΡΗΤΗΒ ΑΣΙΛΕΥΤΟΝΡΟΜ
Prov.: Bendall colln., from Gorlu hoard



- Siglon: Bendall-10, *DOC-g*
PCPC 332.6-7; *DOC V*, pl. 73, 1406
 910 26 mm / 7.01 g / 6 o'clock
Obv.: IC – X
Rev.: +ΜΑΝΟΝΗΛΔΕΣΠΟΤΗΣΟΠΑΛΕΟ...
 ΟΣΘΝΧΑ – ΡΙΤΗΛΛ...ΛΕΥΤΟΝΡΟΜΑΙΩΝ·
Ref.: *PCPC* 332.6 (this coin).
Prov.: Bendall colln., from Gorlu hoard



- 911 25 mm / 7.07 g / 12 o'clock
Obv.: IC – XC
Rev.: ΜΑΝ...ΕΟΛΟΓ – +ΘΥ...ΤΗΒ ...
 ΕΥΤΟΝΡΟΜ·
Ref.: *PCPC* 332.7 (this coin).
Prov.: Bendall colln., from Gorlu hoard



- Siglon: Bendall-11, *DOC-j*
PCPC - ; Sear 2549; *DOC V*, pl. 73, 1411
 912 25 mm / 6.54 g / 12 o'clock
Obv.: IC – XC
Rev.: ΧΑΡ...ΗΒ ΑΣΙΛΕ...ΤΟΝΡΟΜΕΘ
Prov.: Bendall colln., from Gorlu hoard



- Siglon: Bendall-6, *DOC-m*
PCPC 332.3; *DOC V* -
 913 25 mm / 7.21 g / 1 o'clock
Obv.: IC – XC
Rev.: +ΗΑΝΟΝΗΛΔ...ΟΓΟΣ –
 ΘΥΧΑΡΙΤΙΒ ΑΣΙΛ...ΡΟΜΕ:
Ref.: *PCPC* 332.3 (this coin).
Prov.: Bendall colln., from Gorlu hoard



- Siglon: Bendall-5, *DOC-n*
PCPC 332.2; *DOC V* -
 914 26 mm / 7.54 g / 5 o'clock
Obv.: IC – XC
Rev.: ...ΛΔΕΣΠΟ...ΛΕΟΛ –
 ΒΧΑΡΙΤΗΒ ΑΣΙΛΕΥΤΩΝΡΟΜ...
Ref.: *PCPC* 332.2 (this coin).
Prov.: Bendall colln., from Gorlu hoard



- Siglon: Bendall-8, *DOC-o*
PCPC 332.5; *DOC V* -
 915 26 mm / 7.02 g / 6 o'clock
Obv.: IC – XC
Rev.: +ΜΑΙΟΝΗΛ...ΤΗΣΟΠΑΛΑΙ –
 +ΧΑΡΗΤΗΒ ΑΣΙΛΕΥΣΤΟΙΡ...
Ref.: *PCPC* 332.5 (this coin).
Prov.: Bendall colln., from Gorlu hoard



- Siglon: Β·Β in obv. field
PCPC - ; *DOC V* -
 916 25 mm / 7.30 g / 6 o'clock
Obv.: IC – XC
Rev.: +ΜΑΝΟΝΗΛ...ΗΣΟΠΑΛ... –
 ΘΥΧΑΡΙΤΗΒ ΑΣΙΛΕΥΤΩΝΡΟΜΕΩ
Prov.: Bendall colln., from Gorlu hoard



Constantinople (Imperial mint)

Half-stavraton, AR

Basileus Series

Obv.: IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.

Rev.: +ΜΑΝΟΝΗΛ ΒΑΣΙΛΕΥΣ Ο ΠΑΛΕΟΛΟΓΟΣ Bust of emperor, bearded and nimbate, wearing crown (with pendilia) and scalloped tippet.

LPC 160.2; *PCPC* 334; Sear 2551; *DOC V*, pls. 74-6, 1412-67: 1403 - 1425

- Siglon: Bendall-15
PCPC 334.1; *DOC V* -
 917 21 mm / 3.70 g / 6 o'clock
Obv.: IC – XC
Rev.: +ΗΑΝΔΗΛΒ ΑΣΙΛΕΥΣΟΠΑΛΕΟΛΟΓ
Ref.: *PCPC* 334.1 (this coin).
Prov.: Bendall colln.



- 918 20 mm / 3.23 g / 12 o'clock
Obv.: IC – XC
Rev.: +ΜΑΝΔΗΛΒ ΑΣΙΛΕΥΣΟΠΑΛΕΟΛΟΓΟΣ
Prov.: Bendall colln., from Gorlu hoard



- Siglon: Bendall-16
PCPC 334.2; *DOC V* -
 919 21 mm / 3.74 g / 6 o'clock
Obv.: IC – XC
Rev.: +ΜΑΝΔΗΛΒ ΑΣΙΛΕΥΣΟΠΑΛΕΟΛΟΓΟ
Prov.: Bendall colln.



920 20 mm / 3.15 g / 12 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: ΜΑΝΗΛΒ ΑCΙΑΕΝCΟΠ...
Ref.: PCPC 334.3 (this coin. Recte siglon 16).
Prov.: Bendall colln.



921 21 mm / 3.74 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: +ΜΑΝΗΛΒ ΑCΙΑΕΝCΟΠΑΛΕΟ...
Ref.: PCPC 334.2 (this coin).
Prov.: Bendall colln.



Siglon: Bendall-18
 PCPC 334.4; DOC V -
 922 21 mm / 3.74 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: ...ΙΛΕΝCΟΠΑΛΕΟΛΟΓΟ...
Ref.: PCPC 334.4 (this coin); Bendall 1979c,
 p. 441, no. 8 (this coin).
Prov.: Bendall colln., from Bendall/1979 hoard



Siglon: Bendall-19
 PCPC - ; DOC V -
 923 20 mm / 3.48 g / 12 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: ΜΑ...ΛΒ ΑCΙΑΕΝ...
Ref.: PCPC 334.14 (this coin. Recte siglon 19).
Prov.: Bendall colln.



Siglon: Bendall-20, DOC-Var. (c)
 PCPC 334.5; DOC V, pl. 74, 1414-8
 924 20 mm / 3.50 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: ΝΟΝΗΛΒ ΑCΙΑΕΝCΟΠΑΛΕΟ...
Ref.: PCPC 334.5 (this coin).
Prov.: Bendall colln.



Siglon: Bendall-21, DOC-Var. (d)
 PCPC 334.6; Sear 2551; DOC V, pl. 74, 1419-24
 925 19 mm / 3.80 g / 11 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: +ΜΑ...ΗΛΒ...VCΟΠΑΛ...ΟΛΟ
Prov.: Bendall colln.



926 21 mm / 3.77 g / 11 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: +ΜΑΝΟΝΗΛΒ ΑCΙΑC...OC
Ref.: PCPC 334.6 (this coin).
Prov.: Bendall colln.



Siglon: Bendall-22, DOC-Var. (f)
 PCPC 334.7; DOC V, pl. 74, 1425

927 21 mm / 3.78 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: ΜΑΝΟΝΗΛΒ Α...VCΟΠΑΛΕΟΛ
Ref.: PCPC 334.7 (this coin).
Prov.: Bendall colln., from 'Hoard I'



Siglon: Bendall-23, DOC-Var. (g)
 PCPC 334.8; DOC V, pl. 74, 1426

928 21 mm / 3.65 g / 12 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: +ΜΑΝΟΝΗΛΒ ΑCΙΑΕΝCΟΠΑΛΟΛ
Ref.: PCPC 334.8 (this coin); Bendall 1979c,
 p. 441, no. 2 (this coin).
Prov.: Bendall colln., from Bendall/1979 hoard



Siglon: Bendall-24, DOC-Var. (h)
 PCPC 334.9; DOC V, pl. 74, 1427-32

929 20 mm / 3.80 g / 12 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: ΜΑΝΟΝΗΛΒ ΑCΙΑΕΝCΟΠΑΛΕΟΛΟΓΟC
Ref.: PCPC 334.9 (this coin).
Prov.: Bendall colln., from 'Hoard I'



Siglon: Bendall-25, DOC-Var. (i)
 PCPC 334.10; DOC V, pl. 74, 1433-4

930 19 mm / 3.27 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: +ΜΑΝΟΝΗΛΒ ΑCΙΑΕΝCΟΠΑΛΙΑ
Ref.: PCPC 334.10 (this coin).
Prov.: Bendall colln., from Gorlu hoard



Siglon: Bendall-25 var., DOC-Var. (j) (On rev.,
 pellets in nimbus, not field.)
 PCPC 334.10 var.; DOC V, pl. 74, 1435

931 20 mm / 3.65 g / 7 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{X}}$
Rev.: +ΜΑ...ΗΛΒ ΑCΙΑΕΝCΟΠΑΛΕΟΛΟ
Prov.: Old Ashmolean colln., from Evans
 bequest 1941



- Siglon: Bendall-26, *DOC*-Var. (l)
PCPC 334.11; *DOC* V, pl. 75, 1436
- 932 21 mm / 3.85 g / 5 o'clock
Obv.: IC – XC
Rev.: +ΜΑΝΟΝΗΛΒΑΣΙΛ...ΠΑΛΕΟΛΟΓΟ
Prov.: Bendall colln.
- 933 19 mm / 3.38 g / 6 o'clock
Obv.: IC – XC
Rev.: +ΜΑΝΟΝΗΛΒΑΣΙΛΕΝΣΟΠΑ...ΟΛΟΓΟ
Ref.: *PCPC* 334.11 (*this coin*).
Prov.: Bendall colln.
- Siglon: Bendall-27
PCPC 334.12; *DOC* V -
- 934 20 mm / 3.72 g / 7 o'clock
Obv.: IC – XC
Rev.: +ΜΑΝΟΝΗΛΒΑΣ...
Ref.: *PCPC* 334.12 (*this coin*).
Prov.: Bendall colln.
- Siglon: Bendall-28
PCPC 334.13; *DOC* V -
- 935 20 mm / 3.80 g / 7 o'clock
Obv.: IC – X
Rev.: ΜΑΝΟΝΗΛΒΑΣΙΛΕΣΟ
Ref.: *PCPC* 334.13 (*this coin*).
Prov.: Bendall colln., from 'Hoard I'
- Siglon: Bendall-33, *DOC*-Var. (o)
PCPC 334.16; *DOC* V, pl. 75, 1440-2
- 936 20 mm / 3.25 g / 11 o'clock
Obv.: IC – XC
Rev.: +ΜΑΝΟΝΗΛΒΑΣΙΛΕΝΣΟΠΑΛΕΟΛΟΓ
Ref.: *PCPC* 334.16 (*this coin*).
Prov.: Bendall colln., from Gorlu hoard
- 937 20 mm / 3.44 g / 12 o'clock
Obv.: IC – XC
Rev.: +ΜΑΝΟΝΝΒΑΣΙΛΕΝΣΟΠΑΛΣΟΛΟΓ
Prov.: Bendall colln., from Gorlu hoard



- 938 20 mm / 3.79 g / 12 o'clock
Obv.: IC – XC
Rev.: +ΜΑΝΟΝΗΛΒΑΣΙΛΕΝΣΟΠ
Prov.: Bendall colln.
- 939 20 mm / 3.78 g / 12 o'clock
Obv.: IC – XC
Rev.: +ΜΑΝΟΝΗΛ...ΟΠΑΛΕΟΛΓ
Prov.: Bendall colln.
- Siglon: Bendall-34
PCPC 334.17; *DOC* V -
- 940 20 mm / 3.71 g / 12 o'clock
Obv.: IC – XC
Rev.: +Μ...ΝΗΛΒΑΣΙΛΕΝΟΠΑΛΕΟΛΟΓ
Ref.: *PCPC* 334.17 (*this coin*); Bendall 1979c, p. 441, no. 3 (*this coin*).
Prov.: Bendall colln., from Bendall/1979 hoard
- Siglon: Bendall-35
PCPC - ; *DOC* V -
- 941 21 mm / 3.47 g / 6 o'clock
Obv.: IC – XC
Rev.: +ΜΑΝΟΝΗΛΒΑΣΙΛΕΝΣΟΠΑΛ...
Ref.: *PCPC* 334.18 (*this coin*. *Recte* siglon 35).
Prov.: Bendall colln.
- Siglon: Bendall-37, *DOC*-Var. (p)
PCPC 334.19; *DOC* V, pl. 75, 1443-5
- 942 20 mm / 3.73 g / 7 o'clock
Obv.: IC – XC
Rev.: ...ΑΣΙΛΕΝΣΟΠΑ...ΛΓ
Ref.: *PCPC* 334.19 (*this coin*).
Prov.: Bendall colln., from 'Hoard I'
- Siglon: Bendall-38, *DOC*-Var. (q)
PCPC 334.20; *DOC* V, pl. 75, 1446-7
- 943 20 mm / 3.71 g / 7 o'clock
Obv.: IC – XC
Rev.: +ΜΑΝΟΝΗ...ΝΣΟΠΑΛΕΟΛ
Ref.: *PCPC* 334.20 (*this coin*).
Prov.: Bendall colln., from 'Hoard I'



Siglon: Bendall-39
 PCPC - ; DOC V -
 944 20 mm / 3.70 g / 7 o'clock
 Obv.: IC - XC
 Rev.: +ΜΑΝΟΝΗΛΒ ΑΣΙΛΕΝΣΟΠΑΛΕΟΛΓ
 Prov.: Bendall colln., from Gorlu hoard



Siglon: Bendall-46, DOC-Var. (t)
 PCPC 334.21; DOC V, pl. 75, 1450
 945 20 mm / 3.72 g / 12 o'clock
 Obv.: IC - XC
 Rev.: +ΜΑΝΟΝΗΛΒ ...VΣΟΠΑΛΕΟΛ
 Ref.: PCPC 334.21 (this coin).
 Prov.: Bendall colln.



Siglon: Bendall-47
 PCPC 334.22; DOC V -
 946 20 mm / 3.71 g / 12 o'clock
 Obv.: IC - XC
 Rev.: +ΜΑΝΟΝΗΛΒ ΑΣΙΛΕ...ΑΛΕΟΛ
 Prov.: Bendall colln.



947 19 mm / 1.95 g / 5 o'clock
 Obv.: IC - XC
 Rev.: ΝΟΝΗΛΒ ΑΣΙΛΕΝΣΟΠ
 Ref.: PCPC 334.22 (this coin).
 Prov.: Bendall colln.



Siglon: Bendall-48, DOC-Var. (u)
 PCPC 334.23; DOC V, pl. 75, 1451
 948 20 mm / 3.84 g / 5 o'clock
 Obv.: C - XC
 Rev.: +ΜΑΝΟΝΗΛΒ ΑΣΙΛ...ΠΑΛΕ...
 Ref.: PCPC 334.23 (this coin).
 Prov.: Bendall colln., from 'Hoard I'



Siglon: Bendall-49, DOC-Var. (v)
 PCPC 334.24; DOC V, pl. 75, 1452
 949 19 mm / 3.77 g / 6 o'clock
 Obv.: IC - XC
 Rev.: ΗΛΒ ΑΣΙΛΕΝΣΟΠΑΛΕ
 Ref.: PCPC 334.24 (this coin).
 Prov.: Bendall colln.



Siglon: Bendall-50
 LPC 160.2; PCPC 334.25; DOC V -
 950 20 mm / 3.72 g / 6 o'clock
 Obv.: IC - XC
 Rev.: +ΜΑΝΟΝΗΛΒ ΑΣΙΛΕΝΣΟΠΑΛΕΟΛΟΓ
 ΟC
 Ref.: PCPC 334.25 (this coin).
 Prov.: Bendall colln., from Gorlu hoard



951 20 mm / 3.77 g / 6 o'clock
 Obv.: IC - XC
 Rev.: ...ΟΝΗΛΒ ΑΣΙΛΕΝΣΟΠΑΛΕΟΛΟΓΟ
 Prov.: Bendall colln.



Siglon: Bendall-51, DOC-Var. (w)
 PCPC 334.26; DOC V, pl. 75, 1453-8
 952 19 mm / 3.71 g / 5 o'clock
 Obv.: IC - XC
 Rev.: +Β ΑΣΙΛΕ...ΜΑΝΟΝΗΛ...O
 Prov.: Bendall colln.



953 19 mm / 3.81 g / 11 o'clock
 Obv.: IC - X
 Rev.: ΕΝΣΟΠΑΛΕΟΛΟΓ
 Prov.: Bendall colln.



954 20 mm / 3.71 g / 5 o'clock
 Obv.: IC - XC
 Rev.: +ΜΑΝΟΝΗΛΒ ΑΣΙΛΕΝΣΟΠΑΛΕΟΛΟΓ
 Ref.: PCPC 334.26 (this coin).
 Prov.: Bendall colln.



955 19 mm / 3.89 g / 11 o'clock
 Obv.: IC - X
 Rev.: ...ΕCΜΑΝΟ...ΛΟΠΑΛΕ...
 Prov.: Bendall colln., from Gorlu hoard



956 19 mm / 3.79 g / 7 o'clock
 Obv.: IC - X
 Rev.: ΗΛΒ ΑΣΙΛΕΝΣΟΠΑΛΕΟΛΟ
 Prov.: Bendall colln.



957 19 mm / 3.81 g / 12 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{X}}$
Rev.: +ΜΑΝΩΗΛΒΑΣΙΛΕΥΣΟΠΑΛΕΟΛΟΓΟ
Prov.: Bendall colln.



958 20 mm / 3.43 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: +ΒΑΣΙΛΕΥΣΜΑΝΟΝΗΛΟΠΑΛΕΟ
Prov.: Bendall colln.



959 20 mm / 3.82 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: ...ΛΒΑΣΙΛΕΥΣΟΠ
Prov.: Bendall colln., from Gorlu hoard



Siglon: Bendall-52, *DOC*-Var. (x)
PCPC 334.33; *DOC* V, pl. 76, 1459-62

960 21 mm / 3.13 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: +Μ...ΝΗΛΒΑΣΙΛΕΥΣΟΠΔΕΟ
Ref.: *PCPC* 334.33 (*this coin*).
Prov.: Bendall colln., from Gorlu hoard



Siglon: Bendall-55, *DOC*-Var. (z)
PCPC 334.27; *DOC* V, pl. 76, 1464

961 20 mm / 3.39 g / 5 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: ΗΛΒΑΣΙΛΕΥΣΟΠΑΛΕΟ
Prov.: Bendall colln., from Gorlu hoard



Siglon: Bendall-56
PCPC 334.28; *DOC* V -

962 19 mm / 3.36 g / 1 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: +ΗΑΝΟΝΗΛΒΑΣΙΛΕΥΣ...
Ref.: *PCPC* 334.28 (*this coin*).
Prov.: Bendall colln.



963 19 mm / 3.52 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: ΜΑ...ΗΛΒΑC
Prov.: Bendall colln.



964 19 mm / 3.81 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{X}}$
Rev.: ΗΑ...ΗΛΒΑΣΙΛ...ΥΣΟΠΑΛΕΟ
Prov.: Bendall colln., from Gorlu hoard



Siglon: Bendall-57, *DOC*-Var. (aa)
PCPC 334.29; *DOC* V, pl. 76, 1465

965 21 mm / 2.95 g / 7 o'clock
Obv.: $\overline{\text{C}} - \overline{\text{X}}$
Rev.: ΜΑΙΟΝΗΛΒΑΣΙΛΕΥΟΠΑΛ
Ref.: *PCPC* 334.29 (*this coin*).
Prov.: Bendall colln., from Gorlu hoard



Siglon: Bendall-58
PCPC 334.30; *DOC* V -

966 20 mm / 3.38 g / 12 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: ΙΟΝΗΛΒΑΣΙΛΕΥΟΠΑ
Ref.: *PCPC* 334.30 (*this coin*).
Prov.: Bendall colln., from Gorlu hoard



Siglon: Bendall-59
PCPC 334.31; *DOC* V -

967 20 mm / 3.58 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{X}}$
Rev.: ΗΛΒΑΣΙΛΕΥΣΟΠΑΛΕΟΛ
Ref.: *PCPC* 334.31 (*this coin*).
Prov.: Bendall colln., from Gorlu hoard



Siglon: Bendall-60
PCPC 334.32; *DOC* V -

968 20 mm / 3.01 g / 12 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: +ΜΑΙΟΝΗΛΒΔC...ΕΟΛΓ
Ref.: *PCPC* 334.32 (*this coin*).
Prov.: Bendall colln., from Gorlu hoard



Constantinople (Public mint)

Half-stavraton, AR

Pistos Series

Obv.: IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.

Rev.: +ΜΑΝΟΒΗΛ ΕΝ ΧΡΙΣΤΟ ΤΩ ΘΩ ΠΙΣΤΟΣ (or var.) Bust of emperor, bearded and nimbate, wearing crown (with pendilia) and scalloped tippet.

LPC 160.2; PCPC 343; Sear 2552; DOC V, pls. 76-8, 1468-522: 1403 - 1425

Siglon: Bendall-68, DOC-Var. (a)
PCPC 343.1-2; DOC V, pl. 76, 1468-71

969 20 mm / 3.51 g / 7 o'clock

Obv.: IC - X

Rev.: +Μ...ΗΛΧΟΤΟΘΕΟΤΤΙΣΤΟΣΒΑ

Ref.: PCPC 343.2 (this coin).

Prov.: Bendall colln.



970 19 mm / 3.53 g / 1 o'clock

Obv.: IC - X

Rev.: +ΗΛ...ΧΡΙΣΤΟΤΟΘΕΟΠΙΣΤ

Ref.: PCPC 343.1 (this coin).

Prov.: Bendall colln., from Gorlu hoard



971 21 mm / 3.55 g / 7 o'clock

Obv.: IC

Rev.: +Μ...ΟΤΟΘΩΠΙ

Prov.: Bendall colln.



Siglon: Bendall-69, DOC-Var. (b)
PCPC 343.3; DOC V, pl. 76, 1472-9

972 20 mm / 3.56 g / 6 o'clock

Obv.: IC - X

Rev.: +Μ...ΗΛΧΟΤΟΘ...ΙΣΤΟΣΒΑ

Ref.: PCPC 343.3 (this coin).

Prov.: Bendall colln., from Gorlu hoard



Siglon: Bendall-70
PCPC 343.4; DOC V -

973 19 mm / 3.65 g / 8 o'clock

Obv.: IC - X

Rev.: ...ΛΧΡΗΣΤΟΤΟΘΩ...

Ref.: PCPC 343.4 (this coin).

Prov.: Bendall colln., from Gorlu hoard



Siglon: Bendall-71, DOC-Var. (c)
PCPC 343.5-6; DOC V, pls. 76-7, 1480-4

974 20 mm / 3.18 g / 5 o'clock

Obv.: IC - X

Rev.: ...ΧΡΙΣΤΟΤΟΘΕΟΠ

Ref.: PCPC 343.6 (this coin).

Prov.: Bendall colln., from Gorlu hoard



975 20 mm / 3.52 g / 7 o'clock

Obv.: IC - X

Rev.: +ΜΑΒΟΗΛ...ΟΘΕΟΤΤΗΣΤΟΣΒΑ

Ref.: PCPC 343.5 (this coin).

Prov.: Bendall colln.



976 19 mm / 3.17 g / 7 o'clock

Obv.: IC - X

Rev.: +ΜΑΒΟΗΛΧΟΤΟΘΕΟΤΤΗΣΤΟΣΒΑ

Prov.: Old Ashmolean colln., from D.R.

Walker colln., Sisan, Jan. 1983



Siglon: Bendall-72

PCPC 343.7; DOC V -

977 20 mm / 3.48 g / 10 o'clock

Obv.: IC - X

Rev.: ΗΛΧΡΗΣΤΩΤΟΘ...

Ref.: PCPC 343.7 (this coin).

Prov.: Bendall colln., from Gorlu hoard



Siglon: Bendall-73

PCPC 343.8; DOC V -

978 19 mm / 3.54 g / 3 o'clock

Obv.: IC - X

Rev.: ΑΝ...ΗΣΤΟΤΟΘ

Ref.: PCPC 343.8 (this coin).

Prov.: Bendall colln., from Gorlu hoard



Siglon: Bendall-76

PCPC 343.10; DOC V -

979 19 mm / 3.54 g / 7 o'clock

Obv.: IC - X

Rev.: ΜΑΙΟΗ...ΠΗ...

Ref.: PCPC 343.10 (this coin).

Prov.: Bendall colln.



Siglon: Bendall-77, *DOC*-Var. (e)
PCPC 343.11; *DOC* V, pl. 77, 1487-9
980 19 mm / 3.69 g / 8 o'clock
Obv.: IC
Rev.: OHΛXΩ
Ref.: *PCPC* 343.11 (*this coin*).
Prov.: Bendall colln., from Gorlu hoard



Siglon: Bendall-79
PCPC 343.12; *DOC* V -
981 19 mm / 3.22 g / 7 o'clock
Obv.: IC - XC
Rev.: +HΛNΘH...ΩΠITΘ
Prov.: Bendall colln., from Gorlu hoard



982 18 mm / 3.72 g / 12 o'clock
Obv.: IC - X
Rev.: +HΛNΘHΛENΩ...
Ref.: *PCPC* 343.12 (*this coin*).
Prov.: Bendall colln.



Siglon: Bendall-82, *DOC*-Var. (i)
PCPC 343.15; *DOC* V, pl. 78, 1507-13
983 19 mm / 3.36 g / 3 o'clock
Obv.: IC - XC
Rev.: +MANOHΛENXPHCTOTOTΘΩΠH
Ref.: *PCPC* 343.15 (*this coin*).
Prov.: Bendall colln.



984 20 mm / 3.50 g / 2 o'clock
Obv.: IC - XC
Rev.: +MANO...OTOTΘΩΠH
Prov.: Bendall colln., from Gorlu hoard



Siglon: Bendall-84, *DOC*-Var. (k)
PCPC 343.16-17; *DOC* V, pl. 78, 1515-6
985 21 mm / 3.23 g / 11 o'clock
Obv.: IC - XC
Rev.: +MANOHΛENXPHCTOTOTΘΩΠICTO
Ref.: *PCPC* 343.17 (*this coin*).
Prov.: Bendall colln.



Siglon: Bendall-86, *DOC*-Var. (m)
PCPC 343.18; *DOC* V, pl. 78, 1519-21
986 20 mm / 3.48 g / 7 o'clock
Obv.: IC - XC
Rev.: ...NOHΛENXOOTΘOOPICTO
Ref.: *PCPC* 343.18 (*this coin*).
Prov.: Bendall colln.



987 19 mm / 3.24 g / 8 o'clock
Obv.: IC - X
Rev.: ...ENXOOTWΘOΠ...
Prov.: Old Ashmolean colln., from Baldwin,
 ex Lord Grantley auction 6/10/1944



Constantinople

One-eighth stavraton, AR

Obv.: IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.

Rev.: MAN downward to r., OVHA downward to l. Bust of emperor, bearded, not nimbate, wearing crown (with pendilia) and scalloped tippet.

LPC 162.4-5; *PCPC* 335; Sear 2553; *DOC* V, Class II, pls. 78-80, 1526-97: 1403 - 1425

Siglon: Bendall-61, *DOC*-Var. (b)
PCPC 335.2-3; *DOC* V, pl. 78, 1533-5
988 15 mm / 0.81 g (clipped) / 6 o'clock
Obv.: IC - XC
Rev.: M on r., H on l.
Ref.: *PCPC* 335.3 (*this coin*).
Prov.: Bendall colln.



989 14 mm / 0.81 g (clipped) / 11 o'clock
Obv.: C - XC
Rev.: AN on l., OV on r.
Ref.: *PCPC* 335.2 (*this coin*).
Prov.: Bendall colln.



990 14 mm / 0.73 g (clipped) / 7 o'clock
Obv.: C - XC
Rev.: MAN on r.
Ref.: *DOC* V, pl. 78, 1533-5; *LPC* 162.5;
PCPC 335.2-3; Sear 2553.
Prov.: Bendall colln.



- Siglon: Bendall-61?, *DOC*-Var. (b)?
991 15 mm / 0.66 g / 12 o'clock
Obv.: C - X
Rev.: uncertain letters
Prov.: Bendall colln.
- Siglon: Bendall-62, *DOC*-Var. (d)
PCPC 335.1; *DOC* V, pls. 78-9, 1537-42
992 14 mm / 0.71 g (clipped) / 6 o'clock
Obv.: \overline{IC} - \overline{XC}
Rev.: MAN on r., OV... on l.
Ref.: *PCPC* 335.1 (*this coin*).
Prov.: Bendall colln.
- Siglon: Bendall-63, *DOC*-Var. (e)
PCPC 335.4-5; *DOC* V, pls. 79-80, 1543-88
993 14 mm / 0.61 g (clipped) / 6 o'clock
Obv.: \overline{IC} - \overline{X}
Rev.: MAN on l.
Ref.: *PCPC* 335.5 (*this coin*).
Prov.: Bendall colln.
- 994** 15 mm / 0.92 g / 6 o'clock
Obv.: \overline{IC} - \overline{XC}
Rev.: M on r., H on l.
Ref.: *PCPC* 335.4 (*this coin*).
Prov.: Bendall colln.
- 995** 14 mm / 0.53 g (clipped) / 5 o'clock
Obv.: \overline{C} - \overline{X}
Rev.: uncertain letters on l.
Prov.: Bendall colln.
- 996** 14 mm / 0.59 g (clipped) / 12 o'clock
Obv.: C - \overline{XC}
Ref.: *DOC* V, pls. 78-9, 1537-42 or pls. 79-80, 1543-88; *PCPC* 335.1 or 335.4/5.
Prov.: Bendall colln.
- 997** 14 mm / 0.58 g (clipped) / 6 o'clock
Obv.: \overline{XC}
Rev.: OVH on l.
Prov.: Bendall colln.



- 998** 14 mm / 0.65 g (clipped) / 12 o'clock
Obv.: \overline{IC} - \overline{X}
Rev.: M on r., OV on l.
Prov.: Bendall colln.



- 999** 14 mm / 0.76 g (clipped) / 6 o'clock
Obv.: \overline{IC} - \overline{X}
Rev.: MA on l., IO on r.
Prov.: Bendall colln.



- Siglon: Bendall-64 var.
PCPC 335.6; *DOC* V -
1000 14 mm / 0.72 g (clipped) / 7 o'clock
Obv.: C - \overline{X}
Rev.: MA on r., OV on l.
Ref.: *PCPC* 335.6 (*this coin*).
Prov.: Bendall colln.



- Siglon: Bendall-65 var.
PCPC 335.7-8; *DOC* V -
1001 14 mm / 0.73 g (clipped) / 6 o'clock
Obv.: \overline{XC}
Rev.: MAN on r., VH on l.
Ref.: *PCPC* 335.8 (*this coin*).
Prov.: Bendall colln.



- Siglon: Bendall-66
PCPC 335.9; *DOC* V -
1002 14 mm / 0.58 g (clipped) / 12 o'clock
Obv.: \overline{IC} - \overline{X}
Rev.: MAN on r.
Ref.: *PCPC* 335.9 (*this coin*).
Prov.: Bendall colln.



- Siglon: uncertain
1003 14 mm / 0.50 g / 12 o'clock
Obv.: \overline{IC} - \overline{X}
Rev.: MA downwards on l., I on r.
Prov.: Bendall colln.



Tornese, AE

Obv.: +ΜΑΝΟΗ[ΛΔΕC]ΠΟΤΙC Palaeologan monogram. Legend inside two borders (as rev in *DOC*).

Rev.: Manuel and St. Demetrius riding r. Emp., bearded and nimbate, holds sc. cr. in r. hand. Saint, beardless and nimbate, holds cross (?) in r. hand (as obv. in *DOC*).

LPC 162.6; *PCPC* 336; *Sear* 2554; *DOC* V, Class I, pl. 80, 1598

1004 18 mm / 1.82 g / 6 o'clock

Obv.: ΕCΠΟΤΟΤ

Prov.: Bendall colln.



1005 18 mm / 1.90 g / 12 o'clock

Obv.: +ΜΑΝΘΗΛ...CΠΟ...

Ref.: *PCPC* 336.1 (*this coin*).

Prov.: Bendall colln., from D. Winfield colln.



1006 18 mm / 2.00 g / 6 o'clock

Obv.: ...ΝΑΡΟ...

Prov.: Bendall colln.



Obv.: Three-quarter-length figure of St. Constantine on l., and of St. Helena, both nimbate; between them long Slavic cross.

Rev.: +ΜΑΝΟΒΗΛΕΝΧΩΤΩΘΩΠΙCΤΟCΒΑ Bust of emperor, bearded and nimbate, wearing collar of three tippets; r. hand sc. cr. over r. shoulder. Pellet in l. field; pellet and Palaeologan monogram in r. field.

LPC 164.7; *PCPC* 337; *Sear* 2555; *DOC* V, Class II, pl. 80, 1599

1007 18 mm / 2.15 g / 6 o'clock

Ref.: *PCPC* 337.1 (*this coin*).

Prov.: Bendall colln., from I.T. Roper colln.



Obv.: Three-quarter-length figure of St. Constantine on l., and of St. Helena, both nimbate; between them long Slavic cross.

Rev.: +ΜΑΝΟΒΗΛΕΝΧΩΤΩΘΩΠΙCΤΟCΒΑ Bust of emperor, bearded and nimbate, wearing collar of three tippets; r. hand sc. cr. over r. shoulder.

LPC 164.8; *PCPC* 338; *Sear* 2556; *DOC* V, Class II var. (no Palaeologan monogram in rev. field)

1008 18 mm / 1.89 g / 12 o'clock

Ref.: *PCPC* 338.1 (*this coin*).

Prov.: Bendall colln., from I.T. Roper colln.



Obv.: Three-quarter-length figure of St. Demetrius, beardless and nimbate; r. hand spear across chest; l. hand shield.

Rev.: +ΜΑΝΟΒΗΛΕΝΧΩΤΩΘΩΠΙCΤ Bust of emperor, bearded and nimbate, wearing collar of three tippets. Small patriarchal cross in r. and l. field.

LPC 164.9; *PCPC* 339; *Sear* 2557; *DOC* V, Class III, pl. 80, (1600)

1009 18 mm / 1.79 g / 6 o'clock

Ref.: *DOC* V, pl. 80, (1600) (*this coin*); *PCPC* 339.1 (*this coin*).

Prov.: Bendall colln., from Munich Oct. 1979



Obv.: Η/Η/Τ to l. (or var.) Three-quarter-length figure of St. Demetrius, beardless and nimbate; r. hand shield; l. hand spear.

Rev.: +ΜΑΝΟΒΗΛΕΝΧΩΤΩΘΩΠΙCΤ Bust of emperor, bearded and nimbate, wearing collar of three tippets; l. hand sc. cr. Small patriarchal cross in r. and l. field.

LPC 170.3 (as John VII); *PCPC* 331 (as John V); *Sear* 2515 (as John V); *DOC* V, Class III var., - [see p. 212 (as John VII)]

1010 16 mm / 0.89 g / 6 o'clock

Obv.: Λ/Η/Τ to l.

Ref.: *PCPC* 331.1 (*this coin*); Baker 2003, p. 302, n. 65, p. 336, figs. 10-14; Zikos 2000, pp. 237, 239, no. 12 (as John VII).

Prov.: Bendall colln., from Greek collector



1011 16 mm / 1.22 g / 2 o'clock

Obv.: Η/Η/Τ to l.

Rev.: Also pellet in l. field.

Prov.: Old Ashmolean colln., from Baldwin, ex Lord Grantley auction 6/10/1944



Obv.: St. Demetrius, beardless and nimbate, galloping r. with brandished sword. *Manus Dei* in upper r. field.

Rev.: Bust of emperor, bearded and nimbate, wearing collar of three tippets. Pellet in l. field, and Palaeologan monogram in r. field. Outer circle of pellets.

LPC 164.10; *PCPC* 340; *Sear* 2558; *DOC* V, Class IV, pl. 80, 1601

1012 17 mm / 1.33 g / 10 o'clock

Ref.: *PCPC* 340.4 (*this coin*).

Prov.: Bendall colln.



1013 19 mm / 1.81 g / 10 o'clock
Ref.: PCPC 340.1 (*this coin*).
Prov.: Bendall colln.



1014 19 mm / 2.17 g / 10 o'clock
Prov.: Bendall colln.



1015 17 mm / 2.19 g / 2 o'clock
Ref.: PCPC 340.3 (*this coin*).
Prov.: Bendall colln.



1016 19 mm / 2.48 g / 9 o'clock
Prov.: Bendall colln.



1017 17 mm / 1.79 g / 12 o'clock
Ref.: PCPC 340.2 (*this coin*).
Prov.: Bendall colln., from D. Winfield colln.



Follaro, AE

Obv.: $\overline{\text{IC}} \overline{\text{XC}}$ in field. Full-length figure of Christ, bearded and nimbate, in mandorla; r. hand raised in benediction; l. hand Gospel.

Rev.: $\text{MAN}\delta\text{H}\kappa$ usually in two columnar groups. Three-quarter-length figure of bearded emperor wearing stemma, div., c-p and loros; r. hand sc. cr.

LPC 166.12; *PCPC* 342; *Sear* 2560; *DOC V*, Class I, pl. 80, 1603-9

Siglon: a
DOC V, pl. 80, 1603-5

1018 16 mm / 0.85 g / 12 o'clock
Obv.: $\overline{\text{XC}}$
Rev.: $\text{MAN}\delta\text{H}$ to l.
Prov.: Bendall colln.



1019 15 mm / 0.52 g / 12 o'clock
Obv.: C - $\overline{\text{XC}}$
Rev.: $\text{MAN}\delta\text{H}$ to l.
Ref.: *PCPC* 342.5 (*this coin*).
Prov.: Bendall colln.



1020 16 mm / 0.63 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{XC}}$
Rev.: $\text{MAN}\delta\text{H}$ to l., $\text{N}\delta$ to r.
Ref.: *PCPC* 342.1 (*this coin*).
Prov.: Bendall colln., from I.T. Roper colln.



1021 17 mm / 0.86 g / 12 o'clock
Obv.: $\overline{\text{IC}}$
Rev.: $\text{MAN}\delta\text{H}$ to l., $\text{N}\delta$ to r.
Ref.: *PCPC* 342.2 (*this coin*).
Prov.: Bendall colln., from G. Zacos colln.



1022 16 mm / 0.81 g / 6 o'clock
Obv.: $\overline{\text{IC}} - \overline{\text{X}}$
Rev.: $\text{MAN}\delta\text{H}$ to l., $\text{N}\delta$ to r.
Ref.: *PCPC* 342.4 (*this coin*).
Prov.: Bendall colln., from G. Zacos colln.



1023 14 mm / 0.66 g / 6 o'clock
Rev.: AN to r.
Prov.: Old Ashmolean colln., from Baldwin, ex Lord Grantley auction 6/10/1944



1024 16 mm / 0.75 g / 6 o'clock
Obv.: $\overline{\text{X}}$
Rev.: N to l., A to r. (Four pellets underneath A in r. field, and above N in l. field.)
Prov.: Bendall colln.



Siglon: c
DOC V, pl. 80, 1607

1025 16 mm / 0.89 g / 7 o'clock
Rev.: MAN to l., $\text{H}\delta$ to r.
Prov.: Bendall colln.



1026 15 mm / 0.78 g / 6 o'clock
Obv.: $\overline{\text{IC}}$
Rev.: $\text{H}\delta\text{N}$ to l.
Prov.: Bendall colln.



Uncertain siglon

1027 13 mm / 0.57 g / 1 o'clock
Obv.: $\overline{\text{XC}}$
Rev.: M to l.
Ref.: *PCPC* 342.3 (*this coin*).
Prov.: Bendall colln.



Thessalonica

Tornese, AE

Obv.: Retrograde Palaeologan monogram. Small square lattice cross in lower l. field.
Rev.: Full-length figure of emperor wearing stemma, div., c-p and loros, riding to r. on horseback; r. hand sc. cr. E in l. field. Star in r. field.
LPC 254.1; PCPC 344; Sear 2561; DOC V - (see pp. 170-2, 15 (but as Andronicus III))

1028 19 mm / 0.69 g / 7 o'clock
Ref.: Sear 2561 (*this coin*).
Prov.: Bendall colln.



John VII (Regent 1399-1403)

Constantinople

Half-stavraton, AR

Obv.: IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.
Rev.: +IΩANICB ACILEVCOΠAΛEOLOGOC Bust of emperor, bearded and nimbate, wearing crown (with pendilia) and scalloped tippet.
LPC - ; PCPC 346; Sear 2562; DOC V, pl. 71, 1328-45: 1399 - 1403

Siglon: Bendall-1
PCPC 346.1; Sear 2562; DOC V -

1029 19 mm / 3.85 g / 6 o'clock
Obv.: IC - XC
Rev.: +IΩANIC
Ref.: *PCPC 346.1 (this coin); Sear 2562 (this coin)*.
Prov.: Bendall colln.



Siglon: Bendall-2
PCPC 346.2; DOC V -

1030 19 mm / 3.76 g / 7 o'clock
Obv.: IC - XC
Rev.: ...OΠAΛCOΛOΓO
Ref.: *PCPC 346.2 (this coin)*.
Prov.: Bendall colln.



Siglon: Bendall-3
PCPC 346.3; DOC V -

1031 19 mm / 3.74 g / 2 o'clock
Obv.: IC - X
Rev.: ...ΛEOΛOΓO
Ref.: *PCPC 346.3 (this coin)*.
Prov.: Bendall colln., from 'Hoard I'



Siglon: Bendall-4
PCPC 346.4; DOC V -

1032 20 mm / 3.79 g / 1 o'clock
Obv.: IC - X
Rev.: +IΩANIC...ACVCOΠAΛEOLOGO
Ref.: *PCPC 346.4 (this coin)*.
Prov.: Bendall colln.



Siglon: Bendall-5
PCPC 346.5; DOC V -

1033 19 mm / 3.31 g / 6 o'clock
Obv.: IC - XC
Rev.: +IΩ...CB A...OΠAΛCOΛOΓO
Ref.: *PCPC 346.5 (this coin)*.
Prov.: Bendall colln.



Siglon: Bendall-6, DOC-Var. (a)
PCPC 346.6; DOC V, pl. 71, 1328

1034 19 mm / 3.20 g / 1 o'clock
Obv.: IC - XC
Rev.: +IΩANICB ACILEVCOΠAΛCOΛOΓOC
Prov.: Bendall colln.



1035 20 mm / 3.75 g / 6 o'clock
Obv.: IC - XC
Rev.: +IΩANI...ACVCCOΠAΛEOLO
Prov.: Bendall colln.



1036 20 mm / 3.74 g / 6 o'clock
Obv.: IC - XC
Rev.: +IΩANICB ACILCV...EOLOGO
Ref.: *PCPC 346.6 (this coin)*.
Prov.: Bendall colln.



1037 20 mm / 3.68 g / 1 o'clock

Obv.: IC - XC

Rev.: +IΩANICB ACIAC... OΠAΛEΘOΛOΓOC

Prov.: Old Ashmolean colln., from Revd. T.

Greville Chester, 1892



One-eighth stavraton, AR

Obv.: IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.

Rev.: IΩAN downward to r., ΔECΠ downward to l. Bust of emperor, bearded, wearing crown (with pendilia) and scalloped tippet.

LPC 174.3 (as John VIII); PCPC 347; Sear 2562A; DOC V, pls. 71-2, 1346-90: 1399 - 1403

Siglon: Bendall-10, DOC-Var. 1

PCPC 347.1-3; DOC V, pls. 71-2, 1346-61

1038 14 mm / 0.54 g (clipped) / 6 o'clock

Obv.: XC

Rev.: IΩA - AEC.

Prov.: Bendall colln.



1039 17 mm / 0.88 g (broken) / 6 o'clock

Obv.: C - XC

Rev.: ω - AI

Ref.: PCPC 347.3 (this coin).

Prov.: Bendall colln.



1040 15 mm / 0.83 g (clipped) / 6 o'clock

Obv.: IC - XC

Rev.: ωA - IACC

Prov.: Bendall colln.



Siglon: Bendall-12, DOC-Var. 3

PCPC 347.7; DOC V, pl. 72, 1364-74

1041 15 mm / 0.66 g / 6 o'clock

Obv.: IC - XC

Rev.: Iω - AC

Ref.: PCPC 347.7 (this coin).

Prov.: Bendall colln.



Siglon: Bendall-11, DOC-Var. 4

PCPC 347.4-5; DOC V, pl. 72, 1375-7a

1042 14 mm / 0.59 g / 6 o'clock

Obv.: C - XC

Rev.: A - ΔEC

Prov.: Bendall colln.



1043 15 mm / 0.72 g / 6 o'clock

Obv.: IC - XC

Rev.: IΩA - AECΠ

Ref.: PCPC 347.5 (this coin).

Prov.: Bendall colln.



1044 13 mm / 0.56 g / 6 o'clock

Obv.: IC - X

Prov.: Bendall colln.



Siglon: Bendall - , DOC-Var. 6

PCPC - ; DOC V, pl. 72, 1389

1045 13 mm / 0.57 g / 6 o'clock

Obv.: IC

Prov.: Bendall colln.



Siglon: Bendall-1, DOC-1

PCPC 347.6; DOC V -

1046 14 mm / 0.59 g / 6 o'clock

Obv.: X

Rev.: IΩA on r.

Prov.: Bendall colln.



1047 14 mm / 0.68 g / 12 o'clock

Obv.: IC - XC

Rev.: ACC on l.

Ref.: PCPC 347.6 (this coin).

Prov.: Bendall colln.



1048 15 mm / 0.56 g / 6 o'clock

Obv.: XC

Prov.: Bendall colln.



Uncertain siglon

1049 14 mm / 0.56 g (clipped) / 6 o'clock

Prov.: Bendall colln.



Tornese, AE

Obv.: Cross with star in each quarter (as rev. in DOC).

Rev.: IΩAN ΔECΠ Bust of emperor, bearded. Pellet in r. field (as obv. in DOC).

LPC 174.4, 268.5; PCPC 351; Sear 2567; DOC V, Class II, pl. 72, 1394-5: 1399 - 1403

1050 16 mm / 0.61 g / 12 o'clock

Rev.: IYAIIPOTICOP

Prov.: Bendall colln.



John VIII (1425-1448)

Constantinople

Stavraton, AR

Obv.: $\overline{\text{IC}}$ $\overline{\text{XC}}$ in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.

Rev.: + $\overline{\text{I}}$ $\overline{\text{W}}$ ANNHCΔECPOTHCOΠAΛEOLOGOC – +ΘVXAPITIBACIΛEYCTONPOMEON
Half-length figure of emperor, bearded and nimbate, wearing crown (with pendilia) and scalloped tippet.

LPC 172.1; PCPC 348; Sear 2563/4; DOC V, pls. 81-9, 1611-750: 1425 - 1448

Siglon: Bendall-7, DOC-2c

PCPC 348.9/19/21/24; DOC V, pl. 83, 1647-8

1051 23 mm / 6.66 g / 6 o'clock

Obv.: $\overline{\text{IC}}$ – X

Rev.: ...ΛEOLOGOC – +ΘVXAPITH...PΩ

Prov.: Old Ashmolean colln., from Classical Num. Group Aug. 1991, from Gorlu hoard



1052 22 mm / 5.56 g / 3 o'clock

Obv.: $\overline{\text{C}}$ – $\overline{\text{X}}$

Rev.: ...TTAΛEOLOG – ΘVXAP...
IΛEYCTOI

Ref.: Bendall 1991, p. 136, no. 38 (*this coin*).

Prov.: Bendall colln., from Constantine XI hoard



Siglon: Bendall-12, DOC-3c

PCPC 348.14; DOC V, pl. 84, 1663-4

1053 23 mm / 6.28 g / 6 o'clock

Obv.: $\overline{\text{IC}}$ – $\overline{\text{XC}}$

Rev.: + $\overline{\text{I}}$ $\overline{\text{W}}$...ΛEOLOGOC – ...TOIPOMEO

Prov.: Bendall colln.



1054 24 mm / 6.27 g / 6 o'clock

Obv.: $\overline{\text{C}}$ – $\overline{\text{X}}$

Rev.: + $\overline{\text{I}}$ $\overline{\text{O}}$ $\overline{\text{AI}}$...ΔECPOTICOΠAΛEO...
– ΘVXAPITIBACIΛEYCPΩ

Prov.: Bendall colln.



Siglon: Bendall-13, DOC-6a

PCPC 348.15/23; DOC V -

1055 22 mm / 6.64 g / 6 o'clock

Obv.: C – X

Rev.: COLOG – ΘVXAPITIBACIΛEY...
OI...OMC

Ref.: Bendall 1991, p. 135, pl. 13, no. 29 (*this coin*).

Prov.: Bendall colln., from Constantine XI hoard



Siglon: Bendall-14, DOC-6b

PCPC 348.22; DOC V -

1056 23 mm / 6.54 g / 12 o'clock

Obv.: $\overline{\text{IC}}$ – $\overline{\text{XC}}$

Rev.: +ΘVXAPITIBACIΛEYCOI...OME

Ref.: Bendall 1991, p. 135, pl. 13, no. 30 (*this coin*).

Prov.: Bendall colln., from Constantine XI hoard



1057 22 mm / 6.52 g / 7 o'clock

Obv.: $\overline{\text{IC}}$ – $\overline{\text{X}}$

Rev.: ...OTHCOΠ... – XAPIT...ACVC

Ref.: Bendall 1991, p. 135, no. 31 (*this coin*).

Prov.: Bendall colln., from Constantine XI hoard



Siglon: Bendall-15, DOC-4c

LPC 172.1; PCPC 348.16; DOC V, pls. 87-8, 1715-27

1058 23 mm / 6.67 g / 7 o'clock

Obv.: $\overline{\text{IC}}$ – $\overline{\text{XC}}$

Rev.: ...CΔECPOTHCOΠAΛEOLO...
– ΘVXAPITIBACIΛEYCPOMEO

Ref.: PCPC 348.16 (*this coin*).

Prov.: Bendall colln.



1059 22 mm / 6.54 g / 7 o'clock

Obv.: $\overline{\text{IC}}$ – $\overline{\text{XC}}$

Rev.: ΘVXAPI...EVC...ON...

Ref.: Bendall 1991, p. 136, no. 40 (*this coin*).

Prov.: Bendall colln., from Constantine XI hoard



1060 23 mm / 6.76 g / 6 o'clock
Obv.: IC - X
Rev.: +...ΛΕΟΛΟΓΟΣΘΝΧΛ - ...
 ΤΟΙΡΟΜΕΟΙ...
Prov.: Old Ashmolean colln., from Classical
 Num. Group Aug. 1991, from Gorlu hoard



Siglon: Bendall-15(?), *DOC-4c* (?)
1061 15 mm / 6.71 g / 6 o'clock
Obv.: C̄ - X̄
Rev.: +ΙΟΑΝΙΗΣΔΕΣΠΟΤΗΣΟΤΤΑΛΕΟΛΓ
 - ΘΥΧΑΡΙΤΗΒΑΣΙΛΕΥΣΤΟ...Ο
Prov.: Old Ashmolean colln., from Classical
 Num. Group Aug. 1991, from Gorlu hoard



Siglon: Bendall-16, *DOC-4d*
PCPC 348.18; *DOC V*, pls. 88-9, 1728-45
1062 24 mm / 6.52 g / 6 o'clock
Obv.: C̄ - X̄
Rev.: +ΙΟΑΙΗΣΑΕΣΠΟ...ΟΛΟΓΟΣΘΝ
 - +ΧΑΡΙΤΗΒΑΣΙΛΕΥΣΤΟΝΡΩΜΕΟΙ (IH as
 monogram)
Ref.: Bendall 1991, p. 135, no. 22 (*this coin*).
Prov.: Bendall colln., from Constantine XI
 hoard



Siglon: Bendall-18, *DOC-4a*
PCPC 348.17/20/25; *DOC V* -
1063 25 mm / 7.11 g / 8 o'clock
Obv.: IC̄ - XC̄
Rev.: ΗΣΔΕΣΠΟΤΗΣΟΤΤΑΛΕΟΛΟΓ...
 - ΧΑΡΙΤΗΒΑΣΙΛΕΥΣΤΟΙΡΟΜΕΟΙ
Prov.: Old Ashmolean colln., from Classical
 Num. Group Aug. 1991, from Gorlu hoard



Siglon: Bendall -, *DOC-5a*
PCPC - ; *DOC V* -
1064 24 mm / 6.69 g / 12 o'clock
Obv.: C̄ - X̄/C̄
Rev.: ...ΙΗΣΑ...ΟΛ... (IH as monogram)
 (legend starts on the inner circle)
Prov.: Old Ashmolean colln., from Classical
 Num. Group Sept. 1991, from Gorlu hoard



Siglon: Bendall -, *DOC-5b*
PCPC - ; *DOC V* -
1065 24 mm / 6.72 g / 1 o'clock
Obv.: IC̄ - X̄
Rev.: +ΙΩΑΝΗΣΑΕΣΠ...ΟΠΑΛΕΟΛΟΓΟ
 - +ΘΥΧΑΡΙΤΗΒ...ΣΙΛΕΥΣΡΟΜΕΟ
Prov.: Old Ashmolean colln., from Classical
 Num. Group Aug. 1991, from Gorlu hoard



Half-stavraton, AR
Obv.: IC̄ XC̄ in field. Half-length figure of Christ, bearded and nimbate; r. hand in
 front in gesture of benediction; l. hand Gospel.
Rev.: +ΙΩΑΝΗΣΒΑΣΙΛΕΥΣ (or ΔΕΣΠΟΤΗΣ) ΟΠΑΛΕΟΛΟΓΟΣ in double border
 of dots. Bust of emperor, bearded and nimbate, wearing crown (with pendilia) and
 scalloped tippet.
LPC 172.2; *PCPC* 349; Sear 2565; *DOC V*, pls. 90-1, 1751-86: 1425 - 1448

Siglon: Bendall-2, *DOC-1a*
PCPC 349.3-4; *DOC V*, pl. 90, 1751-3
1066 19 mm / 3.23 g / 12 o'clock
Obv.: IC̄ - XC̄
Rev.: ΒΑΣΙΛΕΥΣΟΠΑΛ...
Prov.: Bendall colln.



Siglon: Bendall-5, *DOC-2e*
PCPC - ; *DOC V*, pl. 90, 1767-8
1067 20 mm / 3.32 g / 6 o'clock
Obv.: IC̄ - X̄
Rev.: +ΙΩΑΙΗΣΔΕΣΠΟΤΗΣΟΠΑΛΣΟΛΟ
 (IH as monogram)
Prov.: Bendall colln.



1068 21 mm / 3.35 g / 7 o'clock
Obv.: IC̄
Rev.: ΙΩΑΙΗΣ...ΛΕΥΣΟΠΑΛΕ (IH as
 monogram)
Prov.: Bendall colln.



1069 19 mm / 3.30 g / 6 o'clock
Obv.: IC̄ - X̄
Rev.: +Ι...ΙΗΣΔΕΣ...ΟΠΑΛΕ... (IH as
 monogram)
Prov.: Bendall colln.



1070 19 mm / 3.32 g / 6 o'clock
Obv.: IC – X
Rev.: +IΩAИH...COΠAΛC... (ИH as monogram)
Prov.: Bendall colln.



1071 20 mm / 3.31 g / 5 o'clock
Obv.: IC – X
Rev.: +IΩAИH CΔE CΠ...ΛE OΛO (ИH as monogram)
Prov.: Bendall colln.



1072 19 mm / 3.39 g / 6 o'clock
Obv.: IC – X
Rev.: +IΩAИH CΔ...AΛE O (ИH as monogram)
Prov.: Bendall colln.



1073 20 mm / 3.36 g / 6 o'clock
Obv.: IC – X
Rev.: +I...CΔE CΠO T H C O Π A Λ C O Λ O
Prov.: Bendall colln.



Siglon: Bendall-6, *DOC-2d*
PCPC 349.6; *DOC V* -

1074 19 mm / 3.43 g / 1 o'clock
Obv.: C – X
Rev.: +IΩA...CΠO T H C O Π A Λ E O Λ
Ref.: *PCPC* 349.6 (*this coin*).
Prov.: Bendall colln.



Siglon: Bendall-7, *DOC-2c*
PCPC 349.7; *DOC V*, pl. 90, 1766

1075 20 mm / 3.29 g / 6 o'clock
Obv.: IC – X
Rev.: +IΩAИH CΔC CΠ...AΓO... (ИH as monogram)
Ref.: *PCPC* 349.7 (*this coin*).
Prov.: Bendall colln.



Siglon: Bendall-15 (?), *DOC-4c* (?)
PCPC 349.10/14; *DOC V* -

1076 18 mm / 3.36 g / 6 o'clock
Obv.: IC – X
Rev.: +IΩA...OΓ
Ref.: Bendall 1991, p. 136, pl. 13, no. 51 (*this coin*).
Prov.: Bendall colln., from Constantine XI hoard



Siglon: Bendall-16, *DOC-4d*
PCPC 349.16; *DOC V* -

1077 19 mm / 2.74 g / 6 o'clock
Obv.: C – X
Rev.: ...ΔC...
Ref.: *PCPC* 349.16 (*this coin*).
Prov.: Bendall colln.



Siglon: Bendall-18, *DOC-4a*
LPC 172.2; *PCPC* 349.12; *DOC V* -

1078 20 mm / 3.34 g / 5 o'clock
Obv.: X
Rev.: +IΩΛИH CΔE CΠO T H ...OΠA (ИH as monogram)
Ref.: *PCPC* 349.12 (*this coin*).
Prov.: Bendall colln.



1079 20 mm / 3.27 g / 7 o'clock
Obv.: C – X
Rev.: ...B A C I Λ E V C O Π A Λ E O Λ
Prov.: Bendall colln.



Siglon: Bendall-19, *DOC-3d*
PCPC 349.5; *DOC V* -

1080 19 mm / 3.28 g / 1 o'clock
Obv.: IC – X C
Rev.: +IΩAИH CΔE CΠO T ...C O Π A Λ E O (ИH as monogram)
Ref.: *PCPC* 349.5 (*this coin*. *Recte* siglon 19).
Prov.: Bendall colln.



One-eighth stavraton, AR

Obv.: IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.

Rev.: IΩAN in two groups. Bust of emperor, bearded, wearing crown (with pendilia) and scalloped tippet.

LPC 174.3; *PCPC* 350; *Sear* 2566; *DOC V* - (see pp. 233-4): 1425 - 1448

Siglon: Bendall-9, 22; *DOC-7a*

PCPC 350.8; *DOC V* -

1081 13 mm / 0.64 g / 12 o'clock

Obv.: IC - X

Rev.: IΩ - AN

Ref.: Bendall 1991, p. 136, pl. 13, no. 54 (*this coin*).

Prov.: Bendall colln., from Constantine XI hoard



Siglon: Bendall-13, *DOC-6a*

PCPC - ; *DOC V* -

1082 13 mm / 0.62 g / 7 o'clock

Obv.: X

Rev.: IΩ - A...

Ref.: Bendall 1991, p. 136, pl. 13, no. 58 (*this coin*).

Prov.: Bendall colln., from Constantine XI hoard



1083 13 mm / 0.61 g / 7 o'clock

Obv.: X

Rev.: ω - NI

Ref.: Bendall 1991, p. 136, pl. 13, no. 59 (*this coin*).

Prov.: Bendall colln., from Constantine XI hoard



Siglon: Bendall-15, 21; *DOC-4c*

PCPC 350.1-7; *DOC V* -

1084 13 mm / 0.59 g / 12 o'clock

Obv.: C - X

Rev.: ω to r.

Ref.: Bendall 1991, p. 136, pl. 13, no. 60 (*this coin*).

Prov.: Bendall colln., from Constantine XI hoard



1085 14 mm / 0.81 g / 12 o'clock

Obv.: C̄ - X̄

Rev.: ω to r.

Ref.: Bendall 1991, p. 136, pl. 13, no. 61 (*this coin*).

Prov.: Bendall colln., from Constantine XI hoard



1086 13 mm / 0.56 g / 7 o'clock

Obv.: C - X

Rev.: IΩ - N

Ref.: *PCPC* 350.2 (*this coin*).

Prov.: Bendall colln., from Gorlu hoard



1087 13 mm / 0.64 g / 12 o'clock

Obv.: X̄

Rev.: IΩ on l.

Ref.: *PCPC* 350.1 (*this coin*).

Prov.: Bendall colln., from Gorlu hoard



1088 13 mm / 0.62 g / 12 o'clock

Obv.: C - X

Rev.: I/ω to l., A/M to r.

Ref.: *PCPC* 350.3 (*this coin*).

Prov.: Bendall colln., from Gorlu hoard



Siglon: Bendall-15, 21/16; *DOC-4c/d*

1089 11 mm / 0.59 g / 7 o'clock

Obv.: C - X

Ref.: Bendall 1991, p. 136, pl. 13, no. 63 (*this coin*).

Prov.: Bendall colln., from Constantine XI hoard



1090 13 mm / 0.64 g / 12 o'clock

Obv.: X̄

Rev.: IΩ - ...N

Ref.: *PCPC* 350.5 (*this coin*).

Prov.: Bendall colln., from Gorlu hoard



1091 14 mm / 0.62 g / 6 o'clock

Obv.: C - X̄

Ref.: *PCPC* 350.4 (*this coin*).

Prov.: Bendall colln., from Gorlu hoard



Siglon: Bendall-18, *DOC-4a*

PCPC - ; *DOC V* -

1092 14 mm / 0.62 g / 7 o'clock

Obv.: X

Rev.: l to l., .../N to r. Emp. nimbate.

Ref.: Bendall 1991, p. 136, pl. 14, no. 67 (*this coin*).

Prov.: Bendall colln., from Constantine XI hoard



Follaro, AE

Obv.: IC – XC in field. Full-length figure of Christ, bearded and nimbate, in mandorla.

Rev.: IWAN in two groups. Full-length figure of emperor, bearded; r. hand sc. cr.

LPC 174.5; *PCPC* 352.1-7; Sear 2568; *DOC* V, pl. 72, 1391-3 (but as John VII)

1093 17 mm / 0.80 g / 6 o'clock

Obv.: IC – XC ::C to l., ::Π to r.

Rev.: ω/A to l., Ι/C to r.

Prov.: Bendall colln., ex Bertelè colln.



1094 15 mm / 0.65 g / 12 o'clock

Obv.: C – X

Rev.: λ/N to r.

Prov.: Bendall colln.



Constantine XI Dragases (1449-1453)

Constantinople

Stavraton, AR

Obv.: IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.

Rev.: ΚΩΝΣΤΑΝΤΙΝ Ο ΔΕΣΠΟΤΗΣ Ο ΠΑΛΕΟΛΟΓ – ΘΥ ΧΑΡΙΤΙ ΒΑΣΙΛΕΥΣ ΡΟΜΕΟ

Bust of emperor, bearded and nimbate, wearing crown (with pendilia) and scalloped tippet.

LPC - ; *PCPC* - ; Sear - ; *DOC* V, pl. 91, 1787: 1449 - 1453

Siglon: Bendall/1991-3

1095 23 mm / 6.58 g / 7 o'clock

Obv.: IC – X

Rev.: ...CΤΑΙΙ...ΔΕCΠ –

ΧΑΡΙΤΙΒ ΑCΙΛΕΥCΤΟΝΡΩΜ

Ref.: Bendall 1991, p. 136, pl. 15, no. 72 (*this coin*); Bendall – Protonotarios 1974, pp. 29-31.

Prov.: Bendall colln., from Constantine XI hoard



OVERSTRIKES

Latin Empire

Billon Trachy, Billon

1096 23 mm / 1.11 g / 5 o'clock

Obv.: IC

Rev.: Φ/V to r.

Ref.: *DOC* IV, Type O (Constantinople), pl. L, 15; Sear 2035; Bendall 1992, p. 264, nos. 1a, 1b (*this coin*).

Prov.: Bendall colln.



1097 18 mm / 1.20 g (clipped)

Obv.: Worn.

Ref.: *DOC* IV, Type A (small module), pl. LII, 30; Sear 2044.

Prov.: Bendall colln.



1098 23 mm / 1.62 g (clipped)

Obv.: Worn.

Ref.: *DOC* IV, Type A (small module), pl. LII, 30; Sear 2044.

Prov.: Old Ashmolean colln., from R. Falkiner Sept. 1987 (gift)



1099 18 mm / 0.98 g (clipped) / 5 o'clock

Ref.: *DOC* IV, Type A (small module), pl. LII, 30; Sear 2044.

Prov.: Bendall colln.



1100 18 mm / 0.95 g (clipped)

Obv.: Only the undertype visible.

Ref.: *DOC* IV, Type A (small module), pl. LII, 30; Sear 2044.

Prov.: Bendall colln.



1101 21 mm / 1.20 g (clipped)

Obv.: Worn.

Ref.: *DOC* IV, Type A (small module), pl. LII, 30; Sear 2044.

Prov.: Old Ashmolean colln., from R. Falkiner Sept. 1987 (gift)



1102 22 mm / 0.76 g (clipped)

Obv.: Worn.

Ref.: *DOC IV*, Type A (small module), pl. LII, 30; Sear 2044.

Prov.: Bendall colln.

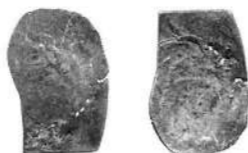


1103 20 mm / 0.82 g (clipped)

Obv.: Worn.

Ref.: *DOC IV*, Type A (small module), pl. LII, 30; Sear 2044.

Prov.: Bendall colln.



1104 19 mm / 1.26 g (clipped)

Obv.: Worn.

Ref.: *DOC IV*, Type A (small module), pl. LII, 30; Sear 2044.

Prov.: Bendall colln.



1105 18 mm / 0.94 g (clipped) / 5 o'clock

Obv.: Worn.

Rev.: Uncertain letters.

Ref.: *DOC IV*, Type B (small module), pl. LIII, 31; Sear 2045.

Prov.: Bendall colln.



1106 35 mm / 4.31 g / 6 o'clock

Obv.: Cross above cushion of throne, to r.

Rev.: ΛΕΛ on l.

Ref.: *DOC IV*, Type C (Thessalonica), pl. LII, 26; Sear 2057; Bendall 1984d, p. 78, nos. 1-2 (*this coin*).

Prov.: Bendall colln., from Yenimahalle hoard



1107 22 mm / 1.36 g / 6 o'clock

Obv.: Bust of Christ Emmanuel, bearded (*sic*) and nimbate; l. hand scroll. Pellet in each limb of nimbus cross.

Rev.: Full-length figure of emperor bearded, wearing stemma, div. and chlamys; r. hand labarum-headed sc., l. hand gl. cr.

Ref.: *DOC IV*, Type E (small module), pl. LIII, 34; Sear 2048.

Prov.: Bendall colln.

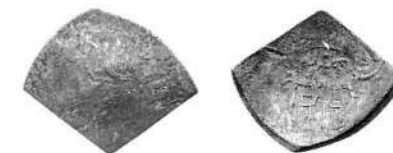


1108 23 mm / 1.87 g (clipped)

Obv.: Cross above cushion of throne, to r.

Ref.: *DOC IV*, Type F (small module), pl. LIII, 35; Sear 2049.

Prov.: Old Ashmolean colln., from R. Falkiner Sept. 1987 (gift)



1109 26 mm / 3.36 g / 5 o'clock

Ref.: *DOC IV*, Type G (small module), pl. LIII, 36; Sear 2050.

Prov.: Bendall colln.



1110 22 mm / 1.80 g

Ref.: *DOC IV*, Type G (small module), pl. LIII, 36; Sear 2050.

Prov.: Bendall colln.



1111 21 mm / 1.64 g / 6 o'clock

Ref.: *DOC IV*, Type G (small module), pl. LIII, 36; Sear 2050.

Prov.: Bendall colln.



1112 20 mm / 1.47 g (clipped) / 6 o'clock

Obv.: Only the undertype visible.

Ref.: *DOC IV*, Type G (small module), pl. LIII, 36; Sear 2050.

Prov.: Bendall colln.



Empire of Nicaea: Theodore I Comnenus-Lascaris (1204/5-1222)

Nicaea

Aspron Trachy, Billon

1113 27 mm / 4.24 g / 6 o'clock

Ref.: *DOC IV*, Second Coinage, pl. XXVIII, 6; Sear 2062; Metcalf 1976-78, p. 67, pl. 5, no. 226 (*this coin*).

Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 1114** 31 mm / 4.67 g / 6 o'clock
Obv.: Two stars in lower and r. field.
Ref.: *DOC IV*, Second Coinage, pl. XXVIII, 6; Sear 2062.
Prov.: Old Ashmolean colln., from Spink 1967, from Turkish hoard



Empire of Thessalonica: Theodore Comnenus-Ducas (1224-1230)
Thessalonica

Aspron Trachy, Billon

- 1115** 29 mm / 1.65 g / 4 o'clock
Ref.: *DOC IV*, Type C, pl. XXXIX, 6; Sear 2164; Bendall 1979a, p. 61 (*this coin*).
Prov.: Bendall colln.



- 1116** 30 mm / 2.19 g / 6 o'clock
Obv.: ΘV
Rev.: ΘΕΟΔΩΡΟCΔΕ – ΛΓΗ...
Ref.: *DOC IV*, Type C, pl. XXXIX, 6; Sear 2164; Bendall 1976c, p. 416 (*this coin*).
Prov.: Bendall colln.



- 1117** 23 mm / 1.75 g / 6 o'clock
Obv.: C – X Δ to r. Bust of Christ Emmanuel, beardless and nimbate; l. hand scroll. Pellet, or pellets in each limb of nimbus cross.
Rev.: C/Ε/C to l., Κ/ΟΜ/Μ/...Ι/Σ/Ο/Υ/Κ/Λ to r. Emp. holds in l. hand globus surmounted by double-barred (patriarchal) cross.
Ref.: *DOC IV*, Type G (small module), pl. XXXIX, 10a.1-3; Sear 2168.
Prov.: Bendall colln., from B. Braun (Ancient Arts), from Peter and Paul hoard



Manuel Comnenus-Ducas (Despot 1230-1237)
Thessalonica

Aspron Trachy, Billon

- 1118** 27 mm / 1.91 g / 6 o'clock
Obv.: C to l., Δ to r.
Rev.: ΜΑΝΘΗΛΔC on r.
Ref.: *DOC IV*, Type A, pl. XLI, 3; Sear 2177.
Prov.: Bendall colln.



- 1119** 22 mm / 1.69 g / 5 o'clock
Rev.: ΑΝΘΗΛΛ on r.
Ref.: *DOC IV*, Type A, pl. XLI, 3; Sear 2177.
Prov.: Bendall colln.



- 1120** 19 mm / 0.74 g (clipped) / 6 o'clock
Rev.: IC above, ΜΑΝΟΙ..Α on r.
Ref.: *DOC IV*, Type A (small module), pl. XLI, 3; Sear 2177; Bendall 1978a, pl. 27, no. 324 (*this coin*).
Prov.: Bendall colln., from Thracian Plain hoard



- 1121** 21 mm / 1.29 g (clipped)
Rev.: ΑΝΗΛ on r.
Ref.: *DOC IV*, Type C (small module), pl. XLI, 5; Sear 2179.
Prov.: Bendall colln.



- 1122** 22 mm / 1.33 g
Rev.: ΜΑ – ΟΑ
Ref.: *DOC IV*, Type F (small module), pl. XLI, 8; Sear 2182.
Prov.: Bendall colln., from Peter and Paul hoard



- 1123** 25 mm / 0.82 g / 6 o'clock
Rev.: ΜΑΝΘ on r.
Ref.: *DOC IV*, Type F (small module), pl. XLI, 8; Sear 2182.
Prov.: Bendall colln.



1124 23 mm / 0.71 g (clipped) / 6 o'clock

Rev.: ΜΑΝ - ...Δ

Ref.: *DOC* IV, Type F (small module), pl. XLI, 8; Sear 2182.

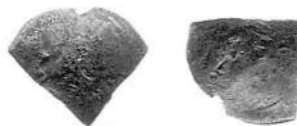
Prov.: Bendall colln.



1125 18 mm / 0.53 g (clipped)

Ref.: *DOC* IV, Type G (small module), pl. XLI, 9; Sear 2183.

Prov.: Bendall colln.



John III Ducas, Called Vatatzes (1246-1254)

Thessalonica

Aspron Trachy, Billon

1126 29 mm / 3.51 g / 6 o'clock

Obv.: Γ/Ε/Ω to l., Γ/Ι/Θ to r. Bust of St. George, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear resting over l. shoulder; l. hand shield.

Rev.: ΙΩ/Δ/ΕC to l. Half-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them cross-within-circle surmounting triangular decoration on long shaft. Emp. wears stemma, div., c-p, and jewel. loros of simpl. type. Saint wears tunic, breastplate, and sagion.

Ref.: *DOC* IV, Type I, pl. XLV, 11; Sear 2131.

Prov.: Bendall colln.



Despotate of Epirus: Michael II Comnenus-Ducas (c.1236-c.1268)

Arta

Aspron Trachy, Billon

1127 25 mm / 1.83 g (clipped) / 12 o'clock

Obv.: Star within crescent.

Rev.: Full-length figure of Michael bearded; r. hand sc. cr.; l. hand anexikakia.

Ref.: *DOC* IV - ; Sear 2234; Bendall 1996, pp. 3-5, no. 8b (*this coin*).

Prov.: Bendall colln., ex Bertelè colln.



Palaeologan Dynasty: Andronicus III (1328-1341) Constantinople

Assarion, AE

1128 23 mm / 2.72 g / 12 o'clock

Rev.: ΑΝΔ...ΚΟCΙΙΙΙ

Ref.: *DOC* V, Class III-b (legend begins bottom l.), pl. 50, 902-6; *LPC* 126.12; *PCPC* 204.3 (*this coin*); Sear 2480; Bendall 1974, p. 285, no. 2 (*this coin*).

Prov.: Bendall colln.



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∫ ∆	M	50	496
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P ∫		57	498
P P		61	499
Θ Θ		64	500
A ∫		68	501
∏ ϕ		75/76	502
B ∫		77	503
∏ ϕ	∏		
	∏	80	603
∏ ∊	∊		
	∫ ∫	83	604-5
∏ ∊	∏		
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∊ ∏	∏		

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P ∫		Con. Class XXX	572-3
*		Thes. Class XVII	597

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rse	Reverse	DOC V	Catalogue
∫ A		Con. Class I	613-7

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Obverse	Reverse	PCPC	Catalogue
∫ ∫		5	624
∏ B		18	625
B X		27	626
∫ ∫			
A	M	29	627
O A *	C		
B O	M	30	628
∆ A *	C		
∫ ∫			
∆ O	M	31	629
O A *	C		
•		41/42	630
C N		57 var.	631
Γ M			
∫ ∫		New	632
Γ∫ ∫		57/58/59 var.	
∫ C		75	633
C N	∫		
A		obscure	634

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Obverse	Reverse	PCPC	Catalogue
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T T	Γ		
B X		89	636
∫ ∫			

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Obverse	Reverse	PCPC	Catalogue
∫ ∫		5	740
		6	741
+ +		7	742
+ +	∫ ∫		
		10	743
B Γ			
B Γ		11	744
		15 var.	745
M B			
		22	746
Γ ∆			
• •		24	747-8
Γ ∊			
		38	749
K N			
∫ ∫		39	750
K N			
• •		42	751
K N			
C C		69	752
∏ P	CC		

24. Hyperpyra of Andronicus II-Michael IX with positions of the emperors transposed

Obverse	Reverse	Bendall/1984	Bendall/1995	Catalogue
K K		75		702
K Θ		78	23	703
R Θ		79		704
∴ ∴ ? ?		87	7	705
M Γ		88	17	706
Η Γ		88	17	707
M Η Γ		89	15	708-10
Η X	B Γ	92	11	711-3, 715
M X	B Γ	92	11	714
C C Π P		94	2	716-23
C C Π P	CC	95	4	724
Γ? M K		100	16	725
* *		101	29	726-7
† †		104		728-9
P Γ	CC	83 var.	8A	730
B Γ	CC	82 var.		731

X B Γ	93 var.	13A	732
M X		18	733
M Π		20	734
Γ M		24	735-7
K T		26	738
O O	80?	3	739
C Π P			

25. Hyperpyra of Andronicus II-Michael IX, DOC V: Class II-b (walls with four castles)

Obverse	Reverse	PCPC	Catalogue
Γ̇ Θ̇		131	754
B· -B		145	755
X M T		149	757
Γ̇ *		151	756
A B		153	758

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Obverse	Reverse	PCPC	Catalogue
♣ A		3	817
∴ ∴ K X		14	818

27. Hyperpyra of John V-John VI

Obverse	Reverse	PCPC	DOC V	Catalogue
Ε Φ B A		2	2	848
* * B A			1b	849

28. Basilica with Autokratores Romaion, DOC V: Class VIII

Obverse	Reverse	Catalogue
no sigla		767-9
· ·		770
• •		771-2
* *		773

29. Basilica of Andronicus III, DOC V: Heavy Series, Class II

Obverse	Legend	Catalogue
⊖ B	Circular	822-3
⊖ B	Columnar	824

30. Basilica of Andronicus III, DOC V: Light Series, Class IV

Obverse	Legend	Catalogue
♣ B	Circular	826
Λ Π	Circular	827

31. Stavrata of John V, Phase IV, DOC V: Class II

Obverse	Reverse	Catalogue
• •		870
* * * *		871-2

32. Eighth stavrata of John V

Obverse	Reverse	Catalogue	O COTIP
		873-5	clockwise
		876-7	anticlockwise
• •		878	anticlockwise
• •	• •	879	anticlockwise
• •	• •	880	-
* *	* *	881-6	-

33. Stavrata of John V, Phase VI

Obverse	Reverse	Catalogue
K Φ		894
♣ ♣		895-7
Ε Φ		898-9
Ε C Φ		900

34. Stavrata of Manuel II, DOC V: Heavy Coinage

Obverse	Reverse	PCPC	DOC V	Catalogue
C ♣		3	a	903
B ∴				904

35. Stavrata of Manuel II, DOC V: Light Coinage

Obverse	Reverse	PCPC	DOC V	Catalogue
M M	• •	7	d	905-6
♣ Ẋ	• •	12	e	907
♣ T	• •	13	f	908-9
Ẋ ♣	• •	10	g	910-1
T ♣	• •	11	j	912
B• •B	• •	6	m	913
Φ *	• •	5	n	914
* *	• •	8	o	915
B• •B				916

36. Half-stavrata of Manuel II, DOC V: Basileus Series

Obverse	Reverse	PCPC	DOC V	Catalogue
	• •	15		917-8
*	• •	16		919-21
B • • B	• •	18		922
* • * *		19		923
*	• •	20	Var. c	924
* •	• •	21	Var. d	925-6
* ∴	• •	22	Var. f	927
* ∴	• •	23	Var. g	928
P C	• •	24	Var. h	929
* Φ	• •	25	Var. i	930
* Φ	• •	25 var.	Var. j	931

□	• •	26	Var. l	932-3
* •	* *	27		934
• *	* *	28		935
	B 8	33	Var. o	936-9
• •	B 8	34		940
B 8	• •	35		941
	B 8	37	Var. p	942
:	B 8	38	Var. q	943
• :	B 8	39		944
M	M	46	Var. t	945
	✠ ✠	47		946-7
*	✠ ✠	48	Var. u	948
* •	✠ ✠	49	Var. v	949
• •	+ +	50		950-1
C ϕ	ϕ C	51	Var. w	952-9
M M	• •	52	Var. x	960
K □	• •	55	Var. z	961
IKI IMI	• •	56		962-4
K M	• •	57	Var. aa	965
IKKI I✠	• •	58		966
ΓK ✠	• •	59		967
✠ ΓK	• •	60		968

37. Half-stavrata of Manuel II, DOC V: Pistos Series

Obverse	Reverse	PCPC	DOC V	Catalogue
	• •	68	Var. a	969-71
∇	• •	69	Var. b	972
* *	• •	70		973
• •	• •	71	Var. c	974-6
	✠ •	72		977
* *	: ✠	73		978
	B Δ	76		979
	C •	77	Var. e	980
	Ċ :	79		981-2
Δ	λ	82	Var. i	983-4

Δ	Λ	84	Var. k	985
	Ä *	86	Var. m	986-7

38. One-eighth stavrata of Manuel II, DOC V: Class II

Obverse	Reverse	PCPC	DOC V	Catalogue
• •	• •	61	Var. b	988-91
C □		62	Var. d	992
C □	• •	63	Var. e	993-9
B B	• •	64 var.		1000
B B		65 var.		1001
• ?		66		1002

39. Half-stavrata of John VII

Obverse	Reverse	PCPC	Catalogue
	• •	1	1029
* *	• •	2	1030
Є ϕ C □	• •	3	1031
Є C	• •	4	1032
ICI ϕ IP	• •	5	1033
C □	• •	6	1034-7

40. Eighth stavrata of John VII

Obverse	Reverse	PCPC	DOC V	Catalogue
		10	Var. 1	1038-40
•		12	Var. 3	1041
• •		11	Var. 4	1042-4
B ••			Var. 6	1045
	• •	1	1	1046-8

41. Stavrata of John VIII

Obverse	Reverse	PCPC	DOC V	Catalogue
✠	• •	7	2c	1051-2
Λ	• •	12	3c	1053-4
M	• •	13	6a	1055
• M	• •	14	6b	1056-7
• •	• •	15	4c	1058-61
•	• •	16	4d	1062
	• •	18	4a	1063
C	• •		5a	1064
C E	• •		5b	1065

42. Half-stavrata of John VIII

Obverse	Reverse	PCPC	DOC V	Catalogue
κ ✠	• •	2	1a	1066
• ✠	• •	5	2e	1067-73
✠ •	• •	6	2d	1074
✠	• •	7	2c	1075
• •	• •	15 (?)	4c (?)	1076
•	• •	16	4d	1077
	• •	18	4a	1078-9
Λ •	• •	19	3d	1080

43. One-eighth stavrata of John VIII

Obverse	Reverse	PCPC	DOC V	Catalogue
••	••	9, 22	7a	1081
M	• •	13	6a	1082-3
• •		15, 21	4c	1084-8
(•) •	• •	15, 21/16	4c/d	1089-91
		18	4a	1092